

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014968.D
 Acq On : 07 Aug 2023 17:14
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 08 07:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 08/08/2023
 Supervised By : Semsettin Yesilyurt 08/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	303402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	492767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	445498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	385101	104.723	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 209.440%#			
35) Dibromofluoromethane	7.710	113	339831	107.844	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 215.680%#			
50) Toluene-d8	10.179	98	1259288	104.993	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 209.980%#			
62) 4-Bromofluorobenzene	12.477	95	446255	104.979	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 209.960%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	160449	101.982	ug/l	97
3) Chloromethane	2.107	50	212270	88.900	ug/l	100
4) Vinyl Chloride	2.247	62	267012	90.752	ug/l	97
5) Bromomethane	2.619	94	180845	100.290	ug/l	99
6) Chloroethane	2.777	64	191717	94.375	ug/l	96
7) Trichlorofluoromethane	3.113	101	443387	95.363	ug/l	99
8) Diethyl Ether	3.521	74	170910	99.617	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	266321	96.761	ug/l	95
10) Methyl Iodide	4.076	142	304010	106.833	ug/l	98
11) Tert butyl alcohol	4.960	59	337799	380.622	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	232208	96.828	ug/l	92
13) Acrolein	3.722	56	179295	593.860	ug/l	100
14) Allyl chloride	4.466	41	398480	99.781	ug/l	97
15) Acrylonitrile	5.155	53	545646	520.576	ug/l	99
16) Acetone	3.942	43	580964	506.639	ug/l	94
17) Carbon Disulfide	4.186	76	494236	93.213	ug/l	98
18) Methyl Acetate	4.466	43	436011	104.410	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	919308	101.323	ug/l	99
20) Methylene Chloride	4.704	84	357610	101.608	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	264489	96.757	ug/l	98
22) Diisopropyl ether	6.112	45	931743	100.165	ug/l	93
23) Vinyl Acetate	6.051	43	2909881	520.387	ug/l	95
24) 1,1-Dichloroethane	6.009	63	522528	99.034	ug/l	97
25) 2-Butanone	6.978	43	838020	510.235	ug/l	97
26) 2,2-Dichloropropane	6.972	77	497574	93.200	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	341517	98.724	ug/l	95
28) Bromochloromethane	7.325	49	223949	94.155	ug/l	92
29) Tetrahydrofuran	7.344	42	503204	522.457	ug/l	92
30) Chloroform	7.502	83	567383	98.993	ug/l	95
31) Cyclohexane	7.783	56	379526	103.529	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	505864	100.149	ug/l	99
36) 1,1-Dichloropropene	7.911	75	384982	98.405	ug/l	99
37) Ethyl Acetate	7.069	43	323623	104.214	ug/l #	96
38) Carbon Tetrachloride	7.899	117	442974	100.720	ug/l	99
39) Methylcyclohexane	9.179	83	453862	97.554	ug/l	95
40) Benzene	8.155	78	1132440	98.303	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014968.D
 Acq On : 07 Aug 2023 17:14
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023

Quant Time: Aug 08 07:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	161484m	107.006	ug/l	
42) 1,2-Dichloroethane	8.234	62	403199	100.549	ug/l	96
43) Isopropyl Acetate	8.270	43	604494	104.774	ug/l	97
44) Trichloroethene	8.935	130	323460	97.855	ug/l	100
45) 1,2-Dichloropropane	9.215	63	308266	100.688	ug/l	97
46) Dibromomethane	9.301	93	198734	100.763	ug/l	97
47) Bromodichloromethane	9.496	83	463783	102.115	ug/l	97
48) Methyl methacrylate	9.289	41	269438	106.439	ug/l	94
49) 1,4-Dioxane	9.295	88	77381	2109.319	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	1735161	533.678	ug/l	94
52) Toluene	10.240	92	731304	98.648	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	495789	104.824	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	524284	102.599	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	290845	101.463	ug/l	96
56) Ethyl methacrylate	10.508	69	438830	106.913	ug/l	92
57) 1,3-Dichloropropane	10.788	76	479537	101.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	1018506	524.795	ug/l	93
59) 2-Hexanone	10.831	43	1296880	539.960	ug/l	92
60) Dibromochloromethane	10.983	129	353950	103.702	ug/l	100
61) 1,2-Dibromoethane	11.087	107	279846	102.279	ug/l	99
64) Tetrachloroethene	10.715	164	321664	95.987	ug/l	97
65) Chlorobenzene	11.514	112	834142	98.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	335925	101.413	ug/l	98
67) Ethyl Benzene	11.587	91	1478571	99.665	ug/l	99
68) m/p-Xylenes	11.697	106	1130615	199.218	ug/l	96
69) o-Xylene	12.026	106	554801	99.905	ug/l	99
70) Styrene	12.044	104	963921	101.567	ug/l	98
71) Bromoform	12.203	173	242965	106.415	ug/l #	99
73) Isopropylbenzene	12.325	105	1482468	98.809	ug/l	100
74) N-amyl acetate	12.142	43	543675	106.060	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	383015	104.463	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	266241m	99.552	ug/l	
77) Bromobenzene	12.605	156	358435	98.491	ug/l	96
78) n-propylbenzene	12.666	91	1758213	97.979	ug/l	99
79) 2-Chlorotoluene	12.751	91	1008428	98.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1228568	99.368	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	133081	109.626	ug/l	96
82) 4-Chlorotoluene	12.849	91	1043383	98.688	ug/l	100
83) tert-Butylbenzene	13.074	119	1125966	99.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1235312	99.724	ug/l	99
85) sec-Butylbenzene	13.251	105	1636344	98.575	ug/l	100
86) p-Isopropyltoluene	13.367	119	1369283	99.652	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	704719	98.929	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	694513	97.764	ug/l	99
89) n-Butylbenzene	13.690	91	1274322	98.705	ug/l	97
90) Hexachloroethane	13.958	117	267470	100.238	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	646032	98.266	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	73525	102.705	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	424766	100.968	ug/l	98
94) Hexachlorobutadiene	15.111	225	223301	97.884	ug/l	98
95) Naphthalene	15.233	128	1059262	107.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	388087	101.914	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
Data File : VY014968.D
Acq On : 07 Aug 2023 17:14
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

Quant Time: Aug 08 07:51:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014968.D
 Acq On : 07 Aug 2023 17:14
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023

Quant Time: Aug 08 07:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

