

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014943.D
 Acq On : 02 Aug 2023 20:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 03 05:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2023
 Supervised By :Mahesh Dadoda 08/03/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	188254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115070	53.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.280%			
35) Dibromofluoromethane	7.716	113	100719	49.881	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.760%			
50) Toluene-d8	10.179	98	341171	45.830	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.660%			
62) 4-Bromofluorobenzene	12.477	95	133052	46.613	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	63098	41.140	ug/l	99
3) Chloromethane	2.113	50	86050	49.911	ug/l	98
4) Vinyl Chloride	2.247	62	104444	54.205	ug/l	98
5) Bromomethane	2.637	94	86501	67.932	ug/l	95
6) Chloroethane	2.784	64	75713	62.907	ug/l	99
7) Trichlorofluoromethane	3.119	101	170260	52.613	ug/l	98
8) Diethyl Ether	3.527	74	71876	59.695	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	102505	51.679	ug/l	95
10) Methyl Iodide	4.088	142	116711	55.245	ug/l	97
11) Tert butyl alcohol	4.954	59	134096	311.681	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	90348	48.736	ug/l	90
13) Acrolein	3.729	56	49076	218.876	ug/l	98
14) Allyl chloride	4.479	41	156473	47.538	ug/l	97
15) Acrylonitrile	5.161	53	249857	376.314	ug/l	99
16) Acetone	3.948	43	218089	320.815	ug/l	94
17) Carbon Disulfide	4.192	76	217873	41.051	ug/l	99
18) Methyl Acetate	4.479	43	205343	78.713	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	381634	63.374	ug/l	99
20) Methylene Chloride	4.710	84	177894	83.373	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	105746	50.264	ug/l	96
22) Diisopropyl ether	6.118	45	368612	55.082	ug/l	93
23) Vinyl Acetate	6.058	43	1184554	295.790	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	204625	53.440	ug/l	98
25) 2-Butanone	6.984	43	359121	361.094	ug/l	91
26) 2,2-Dichloropropane	6.984	77	181301	49.681	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	136516	55.748	ug/l	94
28) Bromochloromethane	7.332	49	91089	55.235	ug/l	93
29) Tetrahydrofuran	7.350	42	229568	374.872	ug/l	89
30) Chloroform	7.508	83	223020	56.481	ug/l	97
31) Cyclohexane	7.783	56	150351	42.220	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	190879	53.712	ug/l	98
36) 1,1-Dichloropropene	7.917	75	149177	49.403	ug/l	99
37) Ethyl Acetate	7.076	43	146392	70.415	ug/l #	94
38) Carbon Tetrachloride	7.899	117	165052	51.708	ug/l	97
39) Methylcyclohexane	9.179	83	182074	46.282	ug/l	94
40) Benzene	8.161	78	449190	52.305	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014943.D
 Acq On : 02 Aug 2023 20:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/03/2023
 Supervised By : Mahesh Dadoda 08/03/2023

Quant Time: Aug 03 05:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	75100m	70.230	ug/l	
42) 1,2-Dichloroethane	8.234	62	163504	60.121	ug/l	95
43) Isopropyl Acetate	8.271	43	259422	65.506	ug/l	98
44) Trichloroethene	8.935	130	131535	54.742	ug/l	97
45) 1,2-Dichloropropane	9.215	63	122280	54.528	ug/l	96
46) Dibromomethane	9.301	93	84667	62.236	ug/l	96
47) Bromodichloromethane	9.496	83	185236	57.771	ug/l	98
48) Methyl methacrylate	9.289	41	117109	65.717	ug/l	93
49) 1,4-Dioxane	9.295	88	35841	1615.712	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	770258	370.435	ug/l	93
52) Toluene	10.240	92	292677	53.258	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	195139	55.639	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	207824	54.490	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	119883	63.262	ug/l	98
56) Ethyl methacrylate	10.508	69	185610	64.150	ug/l	90
57) 1,3-Dichloropropane	10.788	76	200341	61.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	359642	266.768	ug/l	93
59) 2-Hexanone	10.825	43	563497	371.611	ug/l	92
60) Dibromochloromethane	10.983	129	143394	61.717	ug/l	99
61) 1,2-Dibromoethane	11.087	107	121797	64.427	ug/l	98
64) Tetrachloroethene	10.715	164	138436	58.994	ug/l	94
65) Chlorobenzene	11.514	112	332799	53.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	131307	56.012	ug/l	98
67) Ethyl Benzene	11.587	91	575961	51.307	ug/l	100
68) m/p-Xylenes	11.697	106	438881	102.419	ug/l	96
69) o-Xylene	12.026	106	217785	52.179	ug/l	100
70) Styrene	12.038	104	381760	54.269	ug/l	97
71) Bromoform	12.203	173	101376	63.798	ug/l #	99
73) Isopropylbenzene	12.325	105	574014	47.768	ug/l	100
74) N-amyl acetate	12.142	43	223771	55.600	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	160503	58.570	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	114346m	58.993	ug/l	
77) Bromobenzene	12.605	156	143872	52.450	ug/l	96
78) n-propylbenzene	12.666	91	679550	46.929	ug/l	99
79) 2-Chlorotoluene	12.751	91	394457	47.295	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	484992	48.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	51553	51.497	ug/l	98
82) 4-Chlorotoluene	12.849	91	410405	47.778	ug/l	100
83) tert-Butylbenzene	13.068	119	430720	48.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	480751	48.813	ug/l	99
85) sec-Butylbenzene	13.251	105	630100	48.250	ug/l	100
86) p-Isopropyltoluene	13.367	119	522559	49.009	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	278507	52.168	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	281005	52.527	ug/l	99
89) n-Butylbenzene	13.690	91	488143	47.057	ug/l	97
90) Hexachloroethane	13.959	117	103608	47.308	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	262147	53.595	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34455	65.746	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	167857	54.062	ug/l	99
94) Hexachlorobutadiene	15.105	225	85743	50.252	ug/l	98
95) Naphthalene	15.233	128	464432	64.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	158119	57.301	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014943.D
 Acq On : 02 Aug 2023 20:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2023
 Supervised By :Mahesh Dadoda 08/03/2023

Quant Time: Aug 03 05:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 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\VY080223\
 Data File : VY014943.D
 Acq On : 02 Aug 2023 20:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 03 05:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/03/2023
 Supervised By : Mahesh Dadoda 08/03/2023

