

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013223.D
 Acq On : 07 Apr 2023 18:30
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023

Quant Time: Apr 08 02:30:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 08 02:16:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	91653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	139024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111392	93.767	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 187.540%#			
35) Dibromofluoromethane	7.710	113	95061	97.564	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 195.120%#			
50) Toluene-d8	10.173	98	342899	99.205	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 198.420%#			
62) 4-Bromofluorobenzene	12.477	95	120892	101.327	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 202.660%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	78887	90.246	ug/l	98
3) Chloromethane	2.107	50	103556	99.907	ug/l	100
4) Vinyl Chloride	2.247	62	96610	93.236	ug/l	98
5) Bromomethane	2.637	94	61910	97.578	ug/l	94
6) Chloroethane	2.784	64	69772	87.887	ug/l	98
7) Trichlorofluoromethane	3.119	101	144598	91.339	ug/l	100
8) Diethyl Ether	3.528	74	56042	95.584	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	86312	91.379	ug/l	98
10) Methyl Iodide	4.082	142	106998	100.410	ug/l	94
11) Tert butyl alcohol	4.948	59	89983	527.043	ug/l	98
12) 1,1-Dichloroethene	3.863	96	80667	93.826	ug/l	93
13) Acrolein	3.723	56	52908	490.221	ug/l	98
14) Allyl chloride	4.473	41	174229	98.728	ug/l	94
15) Acrylonitrile	5.155	53	196446	529.525	ug/l	99
16) Acetone	3.942	43	216421	505.486	ug/l	96
17) Carbon Disulfide	4.186	76	232838	92.855	ug/l	99
18) Methyl Acetate	4.473	43	145838	101.527	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	303867	104.379	ug/l	97
20) Methylene Chloride	4.710	84	102911	99.592	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	97796	96.471	ug/l	97
22) Diisopropyl ether	6.112	45	376756	102.714	ug/l	96
23) Vinyl Acetate	6.051	43	1240411	537.776	ug/l	98
24) 1,1-Dichloroethane	6.009	63	188243	96.278	ug/l	98
25) 2-Butanone	6.978	43	308115	525.027	ug/l	93
26) 2,2-Dichloropropane	6.978	77	166716	92.256	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	113528	98.404	ug/l	96
28) Bromochloromethane	7.332	49	91213	101.005	ug/l	94
29) Tetrahydrofuran	7.338	42	197216	558.683	ug/l	97
30) Chloroform	7.502	83	194622	97.025	ug/l	98
31) Cyclohexane	7.777	56	154604	93.276	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	170683	95.722	ug/l	98
36) 1,1-Dichloropropene	7.911	75	140318	98.155	ug/l	100
37) Ethyl Acetate	7.070	43	130270	108.584	ug/l	96
38) Carbon Tetrachloride	7.899	117	156716	95.670	ug/l	98
39) Methylcyclohexane	9.179	83	164165	103.241	ug/l	96
40) Benzene	8.155	78	410903	97.251	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013223.D
 Acq On : 07 Apr 2023 18:30
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023

Quant Time: Apr 08 02:30:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 08 02:16:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	52708m	116.378	ug/l	
42) 1,2-Dichloroethane	8.234	62	144582	98.417	ug/l	98
43) Isopropyl Acetate	8.271	43	226135	107.350	ug/l	96
44) Trichloroethene	8.935	130	106835	98.347	ug/l	94
45) 1,2-Dichloropropane	9.216	63	109415	98.852	ug/l	96
46) Dibromomethane	9.301	93	67372	99.987	ug/l	99
47) Bromodichloromethane	9.490	83	154777	98.313	ug/l	98
48) Methyl methacrylate	9.289	41	103162	111.677	ug/l	94
49) 1,4-Dioxane	9.301	88	20779	2302.809	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	640655	542.754	ug/l	97
52) Toluene	10.240	92	257571	100.277	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	171184	103.867	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	180485	101.843	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	90861	99.855	ug/l	98
56) Ethyl methacrylate	10.508	69	143064	115.116	ug/l	93
57) 1,3-Dichloropropane	10.788	76	159320	101.585	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	308531	524.907	ug/l	99
59) 2-Hexanone	10.825	43	473368	556.345	ug/l	97
60) Dibromochloromethane	10.984	129	114562	101.478	ug/l	100
61) 1,2-Dibromoethane	11.087	107	90184	102.566	ug/l	99
64) Tetrachloroethene	10.715	164	91924	97.570	ug/l	98
65) Chlorobenzene	11.514	112	277227	97.433	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	108986	98.043	ug/l	99
67) Ethyl Benzene	11.587	91	499186	101.871	ug/l	100
68) m/p-Xylenes	11.697	106	380063	202.795	ug/l	98
69) o-Xylene	12.026	106	182944	104.392	ug/l	99
70) Styrene	12.038	104	314192	104.597	ug/l	98
71) Bromoform	12.203	173	81034	104.779	ug/l #	98
73) Isopropylbenzene	12.325	105	488522	103.331	ug/l	100
74) N-amyl acetate	12.142	43	193648	110.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	124397	103.224	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	86136m	96.062	ug/l	
77) Bromobenzene	12.605	156	118534	100.118	ug/l	98
78) n-propylbenzene	12.666	91	597742	103.067	ug/l	99
79) 2-Chlorotoluene	12.752	91	334149	101.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	404226	103.244	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	46410	107.997	ug/l	96
82) 4-Chlorotoluene	12.849	91	346533	100.608	ug/l	98
83) tert-Butylbenzene	13.069	119	349084	101.203	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	397918	104.083	ug/l	100
85) sec-Butylbenzene	13.251	105	522119	102.893	ug/l	100
86) p-Isopropyltoluene	13.367	119	436356	103.549	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	227553	97.509	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	228444	96.248	ug/l	99
89) n-Butylbenzene	13.696	91	413732	103.606	ug/l	99
90) Hexachloroethane	13.959	117	87749	97.977	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	210907	98.466	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23180	103.418	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	135450	105.654	ug/l	99
94) Hexachlorobutadiene	15.111	225	74304	96.686	ug/l	99
95) Naphthalene	15.233	128	325238	114.917	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	123518	103.619	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
Data File : VY013223.D
Acq On : 07 Apr 2023 18:30
Operator : KP/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

Quant Time: Apr 08 02:30:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
Quant Title : SW846 8260
QLast Update : Sat Apr 08 02:16:15 2023
Response via : Initial Calibration

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

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

