

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075307.D
 Acq On : 10 Feb 2023 13:42
 Operator : KP/SY
 Sample : VD0210SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 14:29:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	48115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	81039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	73117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	37092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29266	51.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.740%			
35) Dibromofluoromethane	7.810	113	28815	50.709	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.420%			
50) Toluene-d8	10.269	98	107545	49.905	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.575	95	35685	50.220	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	9425	22.350	ug/l	95
3) Chloromethane	2.146	50	16339	21.305	ug/l	98
4) Vinyl Chloride	2.281	62	15564	19.444	ug/l	98
5) Bromomethane	2.681	94	10670	20.833	ug/l	98
6) Chloroethane	2.828	64	11016	19.949	ug/l	98
7) Trichlorofluoromethane	3.169	101	20610	20.708	ug/l	94
8) Diethyl Ether	3.593	74	5528	20.661	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.975	101	12156	21.523	ug/l	99
10) Methyl Iodide	4.158	142	11608	18.649	ug/l	93
11) Tert butyl alcohol	5.058	59	2941	80.460	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	11563	21.472	ug/l	93
13) Acrolein	3.799	56	2631	131.363	ug/l	89
14) Allyl chloride	4.563	41	18351	20.481	ug/l	95
15) Acrylonitrile	5.258	53	12942	99.381	ug/l	98
16) Acetone	4.022	43	13678	91.686	ug/l	99
17) Carbon Disulfide	4.269	76	34386	20.697	ug/l	98
18) Methyl Acetate	4.558	43	8520	19.753	ug/l	100
19) Methyl tert-butyl Ether	5.311	73	24642	19.931	ug/l	94
20) Methylene Chloride	4.805	84	16018	22.120	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	12482	20.483	ug/l	91
22) Diisopropyl ether	6.210	45	37335	20.949	ug/l	96
23) Vinyl Acetate	6.158	43	61902	113.532	ug/l	99
24) 1,1-Dichloroethane	6.116	63	23209	20.888	ug/l	99
25) 2-Butanone	7.081	43	17877	96.711	ug/l	100
26) 2,2-Dichloropropane	7.081	77	19625	19.954	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	14039	20.592	ug/l	98
28) Bromochloromethane	7.422	49	7107	23.535	ug/l #	83
29) Tetrahydrofuran	7.446	42	10098	101.448	ug/l	98
30) Chloroform	7.604	83	23575	20.614	ug/l	98
31) Cyclohexane	7.881	56	19650	19.614	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	21591	21.106	ug/l	99
36) 1,1-Dichloropropene	8.004	75	17888	20.208	ug/l	98
37) Ethyl Acetate	7.175	43	7383	19.124	ug/l #	94
38) Carbon Tetrachloride	7.993	117	16867	20.563	ug/l	97
39) Methylcyclohexane	9.275	83	20150	19.666	ug/l	96
40) Benzene	8.252	78	51409	20.664	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075307.D
 Acq On : 10 Feb 2023 13:42
 Operator : KP/SY
 Sample : VD0210SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 14:29:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	3552	15.423	ug/l #	94
42) 1,2-Dichloroethane	8.334	62	15031	20.868	ug/l	99
43) Isopropyl Acetate	8.363	43	14210	19.263	ug/l	97
44) Trichloroethene	9.034	130	13389	19.523	ug/l	99
45) 1,2-Dichloropropane	9.304	63	13215	20.915	ug/l	98
46) Dibromomethane	9.393	93	6807	19.441	ug/l	99
47) Bromodichloromethane	9.587	83	17951	20.600	ug/l	91
48) Methyl methacrylate	9.381	41	6884	19.650	ug/l #	88
49) 1,4-Dioxane	9.387	88	1162	359.942	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	37239	99.855	ug/l	97
52) Toluene	10.334	92	32552	20.773	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	15562	20.617	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	18895	20.937	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	9157	20.487	ug/l	95
56) Ethyl methacrylate	10.598	69	10494	20.196	ug/l #	94
57) 1,3-Dichloropropane	10.881	76	16606	21.809	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	17099	122.139	ug/l	99
59) 2-Hexanone	10.922	43	25676	94.238	ug/l	95
60) Dibromochloromethane	11.081	129	11527	20.816	ug/l	100
61) 1,2-Dibromoethane	11.187	107	8731	20.258	ug/l	96
64) Tetrachloroethene	10.810	164	10896	19.349	ug/l	92
65) Chlorobenzene	11.610	112	34123	20.694	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	12417	20.683	ug/l	96
67) Ethyl Benzene	11.687	91	60983	20.032	ug/l	98
68) m/p-Xylenes	11.793	106	48494	41.878	ug/l	97
69) o-Xylene	12.122	106	21062	19.472	ug/l	93
70) Styrene	12.134	104	36354	19.841	ug/l	96
71) Bromoform	12.298	173	6630	20.560	ug/l #	96
73) Isopropylbenzene	12.422	105	58806	19.570	ug/l	97
74) N-amyl acetate	12.234	43	13226	19.587	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	10745	20.553	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	8139m	19.318	ug/l	
77) Bromobenzene	12.704	156	13569	19.942	ug/l	95
78) n-propylbenzene	12.763	91	75152	20.100	ug/l	97
79) 2-Chlorotoluene	12.851	91	40735	19.862	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	49395	19.742	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2622	21.449	ug/l	97
82) 4-Chlorotoluene	12.951	91	42594	19.909	ug/l	98
83) tert-Butylbenzene	13.169	119	42468	19.689	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	47495	19.006	ug/l	99
85) sec-Butylbenzene	13.345	105	65048	19.658	ug/l	98
86) p-Isopropyltoluene	13.463	119	54261	20.046	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	28332	20.601	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	27737	20.156	ug/l	98
89) n-Butylbenzene	13.792	91	51781	19.595	ug/l	98
90) Hexachloroethane	14.057	117	10806	20.249	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	24579	20.597	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1542	19.017	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	14380	19.241	ug/l	95
94) Hexachlorobutadiene	15.204	225	7521	19.074	ug/l	94
95) Naphthalene	15.334	128	25690	18.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	11868	18.405	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
Data File : VD075307.D
Acq On : 10 Feb 2023 13:42
Operator : KP/SY
Sample : VD0210SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 14:29:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

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

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

