

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075303.D
 Acq On : 09 Feb 2023 19:25
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 02:07:07 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	7.881	168	48408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	81103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	75759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	30012	52.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.740%			
35) Dibromofluoromethane	7.804	113	30107	52.941	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.880%			
50) Toluene-d8	10.269	98	109523	50.783	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.575	95	37206	52.319	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	18461	47.195	ug/l	95
3) Chloromethane	2.146	50	33059	49.226	ug/l	98
4) Vinyl Chloride	2.281	62	34746	43.144	ug/l	95
5) Bromomethane	2.693	94	22526	43.716	ug/l	99
6) Chloroethane	2.840	64	24543	44.176	ug/l	97
7) Trichlorofluoromethane	3.175	101	45987	45.925	ug/l	98
8) Diethyl Ether	3.593	74	13371	49.673	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	28236	49.691	ug/l	99
10) Methyl Iodide	4.169	142	32792	47.724	ug/l	95
11) Tert butyl alcohol	5.040	59	6353	185.476	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	26463	48.843	ug/l	97
13) Acrolein	3.799	56	3817	212.136	ug/l	95
14) Allyl chloride	4.563	41	45310	50.264	ug/l	93
15) Acrylonitrile	5.257	53	31692	254.253	ug/l	99
16) Acetone	4.022	43	33366	222.305	ug/l	97
17) Carbon Disulfide	4.275	76	77772	46.528	ug/l	99
18) Methyl Acetate	4.569	43	20248	50.789	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	63016	50.659	ug/l	100
20) Methylene Chloride	4.805	84	35420	56.838	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	30468	49.694	ug/l	97
22) Diisopropyl ether	6.216	45	94889	52.921	ug/l	98
23) Vinyl Acetate	6.157	43	145135	241.114	ug/l	95
24) 1,1-Dichloroethane	6.116	63	58074	51.950	ug/l	98
25) 2-Butanone	7.087	43	42179	226.800	ug/l	98
26) 2,2-Dichloropropane	7.081	77	48634	49.151	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	35895	52.330	ug/l	99
28) Bromochloromethane	7.428	49	14727	53.037	ug/l	89
29) Tetrahydrofuran	7.446	42	24599	245.634	ug/l	99
30) Chloroform	7.599	83	60128	52.258	ug/l	94
31) Cyclohexane	7.881	56	47476	47.103	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	52196	50.715	ug/l	98
36) 1,1-Dichloropropene	8.010	75	43651	49.274	ug/l	99
37) Ethyl Acetate	7.169	43	18591	48.118	ug/l	96
38) Carbon Tetrachloride	7.993	117	40950	49.885	ug/l	96
39) Methylcyclohexane	9.275	83	50388	49.140	ug/l	97
40) Benzene	8.251	78	126496	50.806	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075303.D
 Acq On : 09 Feb 2023 19:25
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 02:07:07 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	11709	50.803	ug/l	87
42) 1,2-Dichloroethane	8.328	62	36878	51.160	ug/l	100
43) Isopropyl Acetate	8.363	43	35744	48.417	ug/l	100
44) Trichloroethene	9.028	130	34324	50.011	ug/l	99
45) 1,2-Dichloropropane	9.304	63	32306	51.091	ug/l	97
46) Dibromomethane	9.398	93	16954	48.383	ug/l	98
47) Bromodichloromethane	9.587	83	43704	50.113	ug/l	97
48) Methyl methacrylate	9.381	41	18064	51.523	ug/l	94
49) 1,4-Dioxane	9.387	88	2784	836.200	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	91013	243.855	ug/l	97
52) Toluene	10.334	92	80885	51.577	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	39316	52.045	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	47009	52.049	ug/l	92
55) 1,1,2-Trichloroethane	10.740	97	22416	50.112	ug/l	97
56) Ethyl methacrylate	10.598	69	27026	51.970	ug/l	94
57) 1,3-Dichloropropane	10.881	76	39777	52.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	37231	245.238	ug/l	98
59) 2-Hexanone	10.922	43	64209	235.480	ug/l	95
60) Dibromochloromethane	11.075	129	29565	53.347	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20456	47.426	ug/l	95
64) Tetrachloroethene	10.810	164	27303	46.793	ug/l	97
65) Chlorobenzene	11.610	112	84774	49.619	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	31164	50.101	ug/l	96
67) Ethyl Benzene	11.687	91	157403	49.902	ug/l	100
68) m/p-Xylenes	11.798	106	120040	100.048	ug/l	97
69) o-Xylene	12.122	106	56722	50.611	ug/l	97
70) Styrene	12.139	104	95604	50.358	ug/l	98
71) Bromoform	12.304	173	16762	50.168	ug/l #	96
73) Isopropylbenzene	12.422	105	153157	48.629	ug/l	99
74) N-amyl acetate	12.239	43	33555	47.412	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	26270	47.943	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	21032m	47.628	ug/l	
77) Bromobenzene	12.704	156	33751	47.325	ug/l	94
78) n-propylbenzene	12.769	91	189633	48.389	ug/l	99
79) 2-Chlorotoluene	12.851	91	102589	47.725	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	130142	49.628	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	6448	47.507	ug/l	95
82) 4-Chlorotoluene	12.951	91	107556	47.966	ug/l	99
83) tert-Butylbenzene	13.169	119	111835	49.467	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	127719	48.763	ug/l	99
85) sec-Butylbenzene	13.345	105	169196	48.784	ug/l	99
86) p-Isopropyltoluene	13.463	119	140557	49.543	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	69148	47.970	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	69054	47.875	ug/l	99
89) n-Butylbenzene	13.792	91	134708	48.635	ug/l	98
90) Hexachloroethane	14.057	117	26073	46.615	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	60863	48.662	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3994	46.995	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	36615	46.743	ug/l	97
94) Hexachlorobutadiene	15.210	225	19019	46.020	ug/l	96
95) Naphthalene	15.339	128	69688	47.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	32597	48.230	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
Data File : VD075303.D
Acq On : 09 Feb 2023 19:25
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 02:07:07 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD075303\
 Data File : VD075303.D
 Acq On : 09 Feb 2023 19:25
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 02:07:07 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

