

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067461.D
 Acq On : 30 Oct 2020 09:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:09:27 PM

Quant Time: Oct 30 11:16:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	306875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	440211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	403805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	210975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	147285	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	7.91	113	150517	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.34	98	538692	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.64	95	193282	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	108375	43.421	ug/l	98
3) Chloromethane	2.21	50	77219	39.983	ug/l	99
4) Vinyl Chloride	2.36	62	94526	44.607	ug/l	91
5) Bromomethane	2.77	94	76674	52.095	ug/l	95
6) Chloroethane	2.93	64	60630	45.942	ug/l	98
7) Trichlorofluoromethane	3.28	101	263454	49.373	ug/l	96
8) Diethyl Ether	3.71	74	58164	47.636	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	142878	50.398	ug/l	99
10) Methyl Iodide	4.30	142	138759	53.059	ug/l	99
11) Tert butyl alcohol	5.21	59	35758	217.844	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	121630	48.024	ug/l	98
13) Acrolein	3.93	56	29332	167.464	ug/l	90
14) Allyl chloride	4.71	41	139744	48.181	ug/l	98
15) Acrylonitrile	5.42	53	102270	251.020	ug/l	100
16) Acetone	4.16	43	130440	302.945	ug/l	99
17) Carbon Disulfide	4.41	76	299061	41.420	ug/l	100
18) Methyl Acetate	4.72	43	50639	51.563	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	253172	50.272	ug/l	100
20) Methylene Chloride	4.96	84	144477	52.619	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	142789	48.991	ug/l	96
22) Diisopropyl ether	6.37	45	284292	53.657	ug/l	96
23) Vinyl Acetate	6.31	43	796499	264.236	ug/l	97
24) 1,1-Dichloroethane	6.27	63	236342	52.110	ug/l	98
25) 2-Butanone	7.21	43	126034	256.787	ug/l	91
26) 2,2-Dichloropropane	7.21	77	245527	52.521	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	165733	51.884	ug/l	98
28) Bromochloromethane	7.55	49	74917	48.428	ug/l #	99
29) Tetrahydrofuran	7.56	42	70040	256.715	ug/l	98
30) Chloroform	7.71	83	286168	52.818	ug/l	91
31) Cyclohexane	7.99	56	160257	45.256	ug/l	92
32) 1,1,1-Trichloroethane	7.91	97	284447	53.508	ug/l	99
36) 1,1-Dichloropropene	8.11	75	196023	52.538	ug/l	98
37) Ethyl Acetate	7.30	43	53840	49.046	ug/l #	89
38) Carbon Tetrachloride	8.10	117	264864	55.543	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067461.D
 Acq On : 30 Oct 2020 09:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:09:27 PM

Quant Time: Oct 30 11:16:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	204865	52.522	ug/l	98
40) Benzene	8.36	78	560423	54.751	ug/l	99
41) Methacrylonitrile	7.53	41	26091	43.983	ug/l	95
42) 1,2-Dichloroethane	8.43	62	171294	53.475	ug/l	100
43) Isopropyl Acetate	8.46	43	108359	49.747	ug/l	96
44) Trichloroethene	9.12	130	177234	54.080	ug/l	99
45) 1,2-Dichloropropane	9.40	63	130420	54.978	ug/l	100
46) Dibromomethane	9.48	93	78436	53.068	ug/l	97
47) Bromodichloromethane	9.67	83	221700	55.986	ug/l	97
48) Methyl methacrylate	9.46	41	54524	51.508	ug/l	98
49) 1,4-Dioxane	9.46	88	15491	1085.641	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	283331	260.791	ug/l	99
52) Toluene	10.41	92	385661	55.319	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	192556	55.354	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	220486	54.159	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	109009	54.086	ug/l	95
56) Ethyl methacrylate	10.67	69	114956	54.996	ug/l	97
57) 1,3-Dichloropropane	10.95	76	173236	54.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	274604	256.087	ug/l	98
59) 2-Hexanone	10.99	43	211806	285.302	ug/l	98
60) Dibromochloromethane	11.14	129	162624	55.328	ug/l	100
61) 1,2-Dibromoethane	11.26	107	107525	54.115	ug/l	99
64) Tetrachloroethene	10.88	164	153038	52.308	ug/l	96
65) Chlorobenzene	11.67	112	427718	55.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	176636	57.395	ug/l	98
67) Ethyl Benzene	11.75	91	749949	56.499	ug/l	100
68) m/p-Xylenes	11.86	106	583384	114.132	ug/l	99
69) o-Xylene	12.18	106	260600	55.057	ug/l	100
70) Styrene	12.20	104	465071	57.078	ug/l	99
71) Bromoform	12.37	173	89233	53.971	ug/l #	97
73) Isopropylbenzene	12.48	105	763639	57.031	ug/l	99
74) N-amyl acetate	12.30	43	100026	49.461	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	102710	50.062	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	82798m	56.623	ug/l	
77) Bromobenzene	12.77	156	181526	54.378	ug/l	100
78) n-propylbenzene	12.83	91	867672	55.929	ug/l	100
79) 2-Chlorotoluene	12.91	91	498596	55.419	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	665747	57.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	34430	53.395	ug/l	92
82) 4-Chlorotoluene	13.01	91	526416	55.129	ug/l	99
83) tert-Butylbenzene	13.23	119	563966	57.379	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	654772	56.935	ug/l	100
85) sec-Butylbenzene	13.41	105	766267	56.817	ug/l	100
86) p-Isopropyltoluene	13.52	119	723396	56.827	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	348054	54.169	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	347179	54.537	ug/l	100
89) n-Butylbenzene	13.85	91	636483	56.835	ug/l	100
90) Hexachloroethane	14.12	117	124808	56.185	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	304145	54.185	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18835	50.534	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103020\
Data File : VD067461.D
Acq On : 30 Oct 2020 09:43
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/2/2020 4:09:27 PM

Quant Time: Oct 30 11:16:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	217535	57.481	ug/l	99
94) Hexachlorobutadiene	15.27	225	137404	58.467	ug/l	99
95) Naphthalene	15.41	128	338496	54.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	183102	56.004	ug/l	100

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

