

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067874.D
 Acq On : 03 Dec 2020 18:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/4/2020 11:26:35 AM

Quant Time: Dec 04 01:53:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	215800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	314753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	289598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	112718	48.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.30%
35) Dibromofluoromethane	7.92	113	102850	48.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.66%
50) Toluene-d8	10.34	98	366598	48.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.70%
62) 4-Bromofluorobenzene	12.64	95	131758	50.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.54%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	90930	48.417	ug/l	95
3) Chloromethane	2.21	50	46290	42.709	ug/l	99
4) Vinyl Chloride	2.35	62	64683	47.386	ug/l	96
5) Bromomethane	2.77	94	70376	57.753	ug/l	89
6) Chloroethane	2.93	64	42365	47.668	ug/l	98
7) Trichlorofluoromethane	3.28	101	196704	47.092	ug/l	95
8) Diethyl Ether	3.71	74	41006	50.368	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	88440	46.432	ug/l	97
10) Methyl Iodide	4.30	142	74741	37.021	ug/l	97
11) Tert butyl alcohol	5.20	59	27962	230.203	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	83417	46.648	ug/l	95
13) Acrolein	3.93	56	18374	206.385	ug/l	90
14) Allyl chloride	4.72	41	80442	48.626	ug/l	97
15) Acrylonitrile	5.43	53	67857	240.377	ug/l	98
16) Acetone	4.15	43	66003	230.559	ug/l	98
17) Carbon Disulfide	4.41	76	229925	46.052	ug/l	98
18) Methyl Acetate	4.71	43	25619	47.651	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	191563	50.028	ug/l #	91
20) Methylene Chloride	4.97	84	96724	52.353	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	96989	47.664	ug/l	97
22) Diisopropyl ether	6.37	45	160305	48.180	ug/l	95
23) Vinyl Acetate	6.31	43	468089	252.887	ug/l	96
24) 1,1-Dichloroethane	6.27	63	142463	48.845	ug/l	99
25) 2-Butanone	7.21	43	71400	237.128	ug/l	99
26) 2,2-Dichloropropane	7.21	77	167997	48.303	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	108644	48.814	ug/l	99
28) Bromochloromethane	7.55	49	45774	49.431	ug/l	97
29) Tetrahydrofuran	7.57	42	41114	239.810	ug/l	97
30) Chloroform	7.71	83	190638	48.910	ug/l	92
31) Cyclohexane	7.98	56	104021	42.618	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	199914	48.588	ug/l	100
36) 1,1-Dichloropropene	8.11	75	129016	47.349	ug/l	98
37) Ethyl Acetate	7.29	43	33429	45.520	ug/l	99
38) Carbon Tetrachloride	8.10	117	191946	46.558	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067874.D
 Acq On : 03 Dec 2020 18:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/4/2020 11:26:35 AM

Quant Time: Dec 04 01:53:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	149235	46.217	ug/l	93
40) Benzene	8.36	78	358829	48.127	ug/l	97
41) Methacrylonitrile	7.53	41	17551	50.359	ug/l #	70
42) 1,2-Dichloroethane	8.43	62	128720	48.440	ug/l	100
43) Isopropyl Acetate	8.46	43	67073	46.418	ug/l	97
44) Trichloroethene	9.11	130	119245	46.518	ug/l	96
45) 1,2-Dichloropropane	9.39	63	69331	45.307	ug/l	95
46) Dibromomethane	9.48	93	49777	46.785	ug/l	95
47) Bromodichloromethane	9.67	83	150720	49.690	ug/l	96
48) Methyl methacrylate	9.46	41	33542	45.714	ug/l	98
49) 1,4-Dioxane	9.46	88	10238	842.128	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	162127	237.068	ug/l	100
52) Toluene	10.41	92	254795	48.879	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	124563	47.580	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	138834	48.753	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	67063	46.058	ug/l	97
56) Ethyl methacrylate	10.67	69	74419	50.234	ug/l	99
57) 1,3-Dichloropropane	10.95	76	108131	46.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	172017	255.178	ug/l	98
59) 2-Hexanone	10.99	43	112751	233.874	ug/l	100
60) Dibromochloromethane	11.14	129	106544	48.543	ug/l	99
61) 1,2-Dibromoethane	11.25	107	67098	46.861	ug/l	99
64) Tetrachloroethene	10.88	164	108133	45.776	ug/l	97
65) Chlorobenzene	11.67	112	285243	47.735	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	120092	49.274	ug/l	95
67) Ethyl Benzene	11.75	91	493460	48.477	ug/l	98
68) m/p-Xylenes	11.86	106	381562	95.063	ug/l	99
69) o-Xylene	12.18	106	179471	50.366	ug/l	98
70) Styrene	12.20	104	306739	49.505	ug/l	99
71) Bromoform	12.36	173	61403	47.595	ug/l #	94
73) Isopropylbenzene	12.48	105	504683	48.013	ug/l	98
74) N-amyl acetate	12.29	43	58368	44.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	59631	42.970	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	49180m	44.183	ug/l	
77) Bromobenzene	12.77	156	125968	48.205	ug/l	99
78) n-propylbenzene	12.83	91	547514	46.996	ug/l	99
79) 2-Chlorotoluene	12.91	91	322511	47.056	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	442347	48.606	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19636	42.199	ug/l	96
82) 4-Chlorotoluene	13.01	91	346008	47.327	ug/l	99
83) tert-Butylbenzene	13.23	119	385621	49.794	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	438298	48.432	ug/l	100
85) sec-Butylbenzene	13.41	105	483957	46.821	ug/l	99
86) p-Isopropyltoluene	13.52	119	485286	47.904	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	235039	46.627	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	230971	45.800	ug/l	98
89) n-Butylbenzene	13.85	91	394354	46.856	ug/l	99
90) Hexachloroethane	14.11	117	87395	46.728	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	202166	46.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12956	44.734	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
Data File : VD067874.D
Acq On : 03 Dec 2020 18:21
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/4/2020 11:26:35 AM

Quant Time: Dec 04 01:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	147615	48.269	ug/l	99
94) Hexachlorobutadiene	15.27	225	95207	47.710	ug/l	98
95) Naphthalene	15.40	128	241694	48.569	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	127460	48.262	ug/l	99

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

