

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067352.D
 Acq On : 21 Oct 2020 17:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 5:19:21 PM

Quant Time: Oct 22 01:05:43 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	317755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	475592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	444326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	164652	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.92	113	165119	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.34	98	584109	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.64	95	212970	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	118267	46.020	ug/l	95
3) Chloromethane	2.21	50	89916	44.963	ug/l	98
4) Vinyl Chloride	2.35	62	95180	43.378	ug/l	97
5) Bromomethane	2.77	94	75472	49.400	ug/l	99
6) Chloroethane	2.92	64	61074	44.694	ug/l	98
7) Trichlorofluoromethane	3.27	101	262839	47.571	ug/l	100
8) Diethyl Ether	3.71	74	64260	50.826	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	142119	48.414	ug/l	99
10) Methyl Iodide	4.30	142	127432	47.060	ug/l	99
11) Tert butyl alcohol	5.22	59	41486	250.804	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	127590	48.652	ug/l	98
13) Acrolein	3.93	56	49946	261.430	ug/l	98
14) Allyl chloride	4.71	41	144290	48.045	ug/l	97
15) Acrylonitrile	5.43	53	112212	265.992	ug/l	100
16) Acetone	4.16	43	109240	245.021	ug/l	99
17) Carbon Disulfide	4.41	76	333773	44.645	ug/l	99
18) Methyl Acetate	4.71	43	52839	51.961	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	278156	53.342	ug/l	100
20) Methylene Chloride	4.97	84	143097	50.118	ug/l #	88
21) trans-1,2-Dichloroethene	5.47	96	149054	49.390	ug/l	93
22) Diisopropyl ether	6.37	45	283076	51.598	ug/l	99
23) Vinyl Acetate	6.31	43	867828	278.042	ug/l	98
24) 1,1-Dichloroethane	6.26	63	230927	49.173	ug/l	99
25) 2-Butanone	7.21	43	137755	271.058	ug/l	94
26) 2,2-Dichloropropane	7.21	77	230869	47.695	ug/l	98
27) cis-1,2-Dichloroethene	7.22	96	171257	51.778	ug/l	99
28) Bromochloromethane	7.55	49	82763	51.668	ug/l #	100
29) Tetrahydrofuran	7.56	42	79513	281.457	ug/l	98
30) Chloroform	7.71	83	285674	50.921	ug/l	93
31) Cyclohexane	7.99	56	161309	43.994	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	271989	49.412	ug/l	99
36) 1,1-Dichloropropene	8.11	75	198234	49.178	ug/l	98
37) Ethyl Acetate	7.30	43	64230	54.158	ug/l	95
38) Carbon Tetrachloride	8.10	117	257988	50.076	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	205838	48.845	ug/l	98
40) Benzene	8.36	78	560053	50.645	ug/l	99
41) Methacrylonitrile	7.54	41	40100	62.570	ug/l #	69
42) 1,2-Dichloroethane	8.43	62	177884	51.401	ug/l	98
43) Isopropyl Acetate	8.46	43	127577	54.212	ug/l	98
44) Trichloroethene	9.11	130	175390	49.536	ug/l	98
45) 1,2-Dichloropropane	9.39	63	129756	50.629	ug/l	92
46) Dibromomethane	9.48	93	82952	51.948	ug/l	95
47) Bromodichloromethane	9.67	83	218131	50.986	ug/l	99
48) Methyl methacrylate	9.46	41	62545	54.690	ug/l	94
49) 1,4-Dioxane	9.47	88	17887	1162.455	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	323722	275.801	ug/l	100
52) Toluene	10.41	92	456195	60.568	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	199323	53.037	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	228917	52.047	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	113225	51.998	ug/l	96
56) Ethyl methacrylate	10.67	69	128364	56.842	ug/l	99
57) 1,3-Dichloropropane	10.95	76	184909	53.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	313253	270.397	ug/l	98
59) 2-Hexanone	10.99	43	222830	277.822	ug/l	97
60) Dibromochloromethane	11.14	129	166067	52.296	ug/l	99
61) 1,2-Dibromoethane	11.25	107	112640	52.472	ug/l	98
64) Tetrachloroethene	10.88	164	155013	48.151	ug/l	94
65) Chlorobenzene	11.67	112	427619	50.187	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	175316	51.771	ug/l	99
67) Ethyl Benzene	11.75	91	749503	51.316	ug/l	100
68) m/p-Xylenes	11.86	106	575821	102.379	ug/l	99
69) o-Xylene	12.18	106	269389	51.724	ug/l	95
70) Styrene	12.20	104	464505	51.809	ug/l	99
71) Bromoform	12.36	173	93659	51.482	ug/l #	97
73) Isopropylbenzene	12.48	105	752096	52.178	ug/l	99
74) N-amyl acetate	12.30	43	116838	53.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	114588	51.884	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	86020m	54.647	ug/l	
77) Bromobenzene	12.77	156	178612	49.704	ug/l	97
78) n-propylbenzene	12.83	91	851148	50.966	ug/l	99
79) 2-Chlorotoluene	12.91	91	481938	49.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	644238	51.433	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	34724	50.025	ug/l	97
82) 4-Chlorotoluene	13.01	91	520250	50.612	ug/l	99
83) tert-Butylbenzene	13.23	119	547826	51.777	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	642380	51.888	ug/l	100
85) sec-Butylbenzene	13.41	105	734768	50.610	ug/l	99
86) p-Isopropyltoluene	13.52	119	692545	50.539	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	338071	48.877	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	346972	50.632	ug/l	99
89) n-Butylbenzene	13.85	91	617540	51.225	ug/l	100
90) Hexachloroethane	14.11	117	118312	49.476	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	305427	50.547	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20039	49.944	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	219766	53.944	ug/l	99
94) Hexachlorobutadiene	15.27	225	130988	51.777	ug/l	97
95) Naphthalene	15.41	128	377591	56.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	191397	54.381	ug/l	99

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

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