

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067274.D
 Acq On : 15 Oct 2020 10:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 16 01:07:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	335868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	493795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	450076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	156028	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	7.91	113	160312	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.34	98	584704	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.64	95	202056	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	137304	51.018	ug/l	99
3) Chloromethane	2.20	50	95159	45.018	ug/l	95
4) Vinyl Chloride	2.35	62	105116	45.323	ug/l	99
5) Bromomethane	2.77	94	77656	48.023	ug/l	94
6) Chloroethane	2.92	64	66863	46.292	ug/l	93
7) Trichlorofluoromethane	3.27	101	277827	47.572	ug/l	98
8) Diethyl Ether	3.71	74	61669	46.147	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	149968	48.333	ug/l	99
10) Methyl Iodide	4.30	142	133727	46.721	ug/l	97
11) Tert butyl alcohol	5.21	59	36589m	200.035	ug/l	
12) 1,1-Dichloroethene	4.06	96	132961	47.966	ug/l	92
13) Acrolein	3.92	56	44965	225.878	ug/l	98
14) Allyl chloride	4.71	41	146998	46.307	ug/l	99
15) Acrylonitrile	5.41	53	109033	244.518	ug/l	99
16) Acetone	4.15	43	130587	277.105	ug/l	94
17) Carbon Disulfide	4.41	76	366613	46.393	ug/l	99
18) Methyl Acetate	4.71	43	47764	44.437	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	272456	49.431	ug/l	96
20) Methylene Chloride	4.96	84	144854	47.788	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	151577	47.517	ug/l	96
22) Diisopropyl ether	6.36	45	286497	49.405	ug/l	95
23) Vinyl Acetate	6.30	43	861152	261.024	ug/l	100
24) 1,1-Dichloroethane	6.27	63	239629	48.274	ug/l	96
25) 2-Butanone	7.21	43	131165	244.172	ug/l	90
26) 2,2-Dichloropropane	7.21	77	249876	48.838	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	167863	48.015	ug/l	98
28) Bromochloromethane	7.55	49	82682	48.834	ug/l #	99
29) Tetrahydrofuran	7.56	42	74255	248.670	ug/l	98
30) Chloroform	7.71	83	287569	48.495	ug/l	89
31) Cyclohexane	7.98	56	175190	45.203	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	286673	49.271	ug/l	99
36) 1,1-Dichloropropene	8.11	75	202922	48.485	ug/l	98
37) Ethyl Acetate	7.29	43	60831	49.401	ug/l #	93
38) Carbon Tetrachloride	8.10	117	269173	50.321	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	221995	50.738	ug/l	99
40) Benzene	8.35	78	565484	49.251	ug/l	99
41) Methacrylonitrile	7.52	41	31450	47.264	ug/l	95
42) 1,2-Dichloroethane	8.43	62	178690	49.730	ug/l	100
43) Isopropyl Acetate	8.45	43	122239	50.029	ug/l	99
44) Trichloroethene	9.11	130	180290	49.043	ug/l	100
45) 1,2-Dichloropropane	9.39	63	129081	48.509	ug/l	99
46) Dibromomethane	9.48	93	82785	49.933	ug/l	94
47) Bromodichloromethane	9.66	83	222219	50.027	ug/l	97
48) Methyl methacrylate	9.46	41	60696	51.117	ug/l	94
49) 1,4-Dioxane	9.47	88	17720	1107.714	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	305638	250.795	ug/l	100
52) Toluene	10.41	92	397081	50.776	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	198288	50.816	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	227865	49.898	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	111977	49.530	ug/l	95
56) Ethyl methacrylate	10.66	69	120572	51.423	ug/l	97
57) 1,3-Dichloropropane	10.95	76	180245	50.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	304777	253.383	ug/l	98
59) 2-Hexanone	10.99	43	227044	272.641	ug/l	100
60) Dibromochloromethane	11.14	129	161878	49.097	ug/l	98
61) 1,2-Dibromoethane	11.25	107	108633	48.740	ug/l	98
64) Tetrachloroethene	10.88	164	160760	49.299	ug/l	96
65) Chlorobenzene	11.67	112	428475	49.645	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	173132	50.472	ug/l	98
67) Ethyl Benzene	11.75	91	754113	50.972	ug/l	99
68) m/p-Xylenes	11.86	106	585549	102.778	ug/l	99
69) o-Xylene	12.18	106	268954	50.980	ug/l	95
70) Styrene	12.20	104	470621	51.821	ug/l	99
71) Bromoform	12.37	173	94935	51.517	ug/l #	100
73) Isopropylbenzene	12.48	105	768092	53.283	ug/l	100
74) N-amyl acetate	12.29	43	110426	50.720	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	111831	50.631	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	85537m	54.336	ug/l	
77) Bromobenzene	12.77	156	177829	49.481	ug/l	96
78) n-propylbenzene	12.83	91	871176	52.160	ug/l	99
79) 2-Chlorotoluene	12.91	91	499619	51.583	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	657480	52.486	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	35644	51.346	ug/l	96
82) 4-Chlorotoluene	13.01	91	526666	51.232	ug/l	100
83) tert-Butylbenzene	13.23	119	561001	53.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	648667	52.392	ug/l	99
85) sec-Butylbenzene	13.41	105	748911	51.580	ug/l	99
86) p-Isopropyltoluene	13.52	119	722969	52.754	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	346339	50.068	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	348255	50.815	ug/l	100
89) n-Butylbenzene	13.85	91	638708	52.977	ug/l	99
90) Hexachloroethane	14.12	117	120313	50.309	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	301265	49.854	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19857	49.486	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	211928	52.016	ug/l	98
94) Hexachlorobutadiene	15.27	225	134199	53.041	ug/l	98
95) Naphthalene	15.41	128	356918	53.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	185439	52.684	ug/l	99

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

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