

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062220\
 Data File : VD065843.D
 Acq On : 22 Jun 2020 14:26
 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

Quant Time: Jun 23 06:59:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	211234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	319979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	304009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152964	50.00	ug/l	0.00

System Monitoring Compounds

MMDadoda

33) 1,2-Dichloroethane-d4	8.33	65	104722	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.91	113	101590	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.34	98	391018	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.64	95	132766	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.99	85	59474	41.166	ug/l	98
3) Chloromethane	2.21	50	111032	46.526	ug/l	99
4) Vinyl Chloride	2.35	62	132058	42.374	ug/l	96
5) Bromomethane	2.77	94	92413	42.401	ug/l	98
6) Chloroethane	2.92	64	90439	42.919	ug/l	96
7) Trichlorofluoromethane	3.27	101	153783	43.553	ug/l	98
8) Diethyl Ether	3.70	74	42504	45.786	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	93760	44.532	ug/l	98
10) Methyl Iodide	4.30	142	93088	45.403	ug/l	98
11) Tert butyl alcohol	5.22	59	29889	256.378	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	84371	43.967	ug/l	99
13) Acrolein	3.92	56	24813	211.645	ug/l	98
14) Allyl chloride	4.71	41	142350	44.882	ug/l	97
15) Acrylonitrile	5.42	53	96668	229.272	ug/l	99
16) Acetone	4.15	43	116390	295.611	ug/l	95
17) Carbon Disulfide	4.40	76	263233	40.870	ug/l	99
18) Methyl Acetate	4.71	43	42638	47.856	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	200212	46.062	ug/l	94
20) Methylene Chloride	4.97	84	100540	47.896	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	99115	44.104	ug/l	96
22) Diisopropyl ether	6.36	45	301938	47.116	ug/l	95
23) Vinyl Acetate	6.30	43	888719	245.588	ug/l	98
24) 1,1-Dichloroethane	6.27	63	175299	44.895	ug/l	98
25) 2-Butanone	7.21	43	134494	247.341	ug/l	93
26) 2,2-Dichloropropane	7.20	77	160675	46.409	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	111864	46.274	ug/l	99
28) Bromochloromethane	7.54	49	75342	49.959	ug/l	98
29) Tetrahydrofuran	7.56	42	80152	233.226	ug/l	98
30) Chloroform	7.71	83	184258	45.527	ug/l	98
31) Cyclohexane	7.98	56	160052	42.758	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	168497	45.277	ug/l	97
36) 1,1-Dichloropropene	8.11	75	145139	47.351	ug/l	98
37) Ethyl Acetate	7.30	43	57496	47.622	ug/l	99
38) Carbon Tetrachloride	8.10	117	156477	48.508	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	168852	46.528	ug/l	98
40) Benzene	8.35	78	394437	47.071	ug/l	99
41) Methacrylonitrile	7.51	41	30999	43.120	ug/l #	79
42) 1,2-Dichloroethane	8.42	62	117670	46.540	ug/l	99
43) Isopropyl Acetate	8.45	43	116493	48.522	ug/l	98
44) Trichloroethene	9.11	130	108478	46.518	ug/l	98
45) 1,2-Dichloropropane	9.39	63	100057	47.521	ug/l	97
46) Dibromomethane	9.47	93	52315	45.813	ug/l	98
47) Bromodichloromethane	9.66	83	143291	46.827	ug/l	98
48) Methyl methacrylate	9.46	41	58861	50.651	ug/l	97
49) 1,4-Dioxane	9.46	88	12063	992.480	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	289326	245.938	ug/l	99
52) Toluene	10.40	92	262855	48.277	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	136697	49.332	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	159678	48.793	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	71704	46.995	ug/l	98
56) Ethyl methacrylate	10.66	69	90586	50.476	ug/l	98
57) 1,3-Dichloropropane	10.95	76	126344	47.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	232932	279.174	ug/l	100
59) 2-Hexanone	10.98	43	212889	268.416	ug/l	100
60) Dibromochloromethane	11.14	129	99112	48.085	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73308	48.889	ug/l	99
64) Tetrachloroethene	10.88	164	93199	45.336	ug/l	98
65) Chlorobenzene	11.67	112	274615	46.271	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	103426	46.751	ug/l	99
67) Ethyl Benzene	11.75	91	502440	47.389	ug/l	97
68) m/p-Xylenes	11.86	106	389108	95.279	ug/l	100
69) o-Xylene	12.18	106	177324	48.157	ug/l	100
70) Styrene	12.20	104	309954	48.626	ug/l	99
71) Bromoform	12.37	173	55822	45.822	ug/l #	99
73) Isopropylbenzene	12.48	105	487357	47.521	ug/l	100
74) N-amyl acetate	12.29	43	109010	47.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	82655	47.722	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	49592m	41.687	ug/l	
77) Bromobenzene	12.77	156	111679	46.025	ug/l	96
78) n-propylbenzene	12.83	91	590857	47.862	ug/l	98
79) 2-Chlorotoluene	12.91	91	322566	47.631	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	408086	47.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	26909	48.873	ug/l	99
82) 4-Chlorotoluene	13.01	91	346130	47.617	ug/l	99
83) tert-Butylbenzene	13.23	119	362739	48.984	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	411904	48.219	ug/l	99
85) sec-Butylbenzene	13.41	105	506594	49.157	ug/l	99
86) p-Isopropyltoluene	13.52	119	462613	48.976	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	224589	46.941	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	222065	46.659	ug/l	100
89) n-Butylbenzene	13.85	91	437075	48.517	ug/l	100
90) Hexachloroethane	14.12	117	89514	47.344	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	194433	47.220	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13880	48.153	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	134545	48.058	ug/l	100
94) Hexachlorobutadiene	15.27	225	78685	46.493	ug/l	99
95) Naphthalene	15.41	128	222259	46.868	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	117018	48.530	ug/l	98

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

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