

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051520\
 Data File : VD065746.D
 Acq On : 15 May 2020 11:36
 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: May 15 19:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	342528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	517963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	456494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	226114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	137131	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
35) Dibromofluoromethane	7.91	113	146868	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.34	98	552159	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.64	95	185426	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	113707	50.597	ug/l	100
3) Chloromethane	2.21	50	158370	49.171	ug/l	98
4) Vinyl Chloride	2.35	62	181731	52.109	ug/l	99
5) Bromomethane	2.77	94	113871	49.418	ug/l	94
6) Chloroethane	2.92	64	117676	52.021	ug/l	99
7) Trichlorofluoromethane	3.27	101	244026	50.614	ug/l	95
8) Diethyl Ether	3.70	74	69113	49.889	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	147076	49.629	ug/l	98
10) Methyl Iodide	4.30	142	148786	48.060	ug/l	99
11) Tert butyl alcohol	5.23	59	47402	204.526	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	139957	49.792	ug/l	96
13) Acrolein	3.92	56	41828	276.430	ug/l	100
14) Allyl chloride	4.71	41	233253	47.995	ug/l	97
15) Acrylonitrile	5.41	53	147427	240.894	ug/l	98
16) Acetone	4.16	43	171971	303.738	ug/l	99
17) Carbon Disulfide	4.40	76	427178	48.118	ug/l	99
18) Methyl Acetate	4.71	43	63248	47.668	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	323177	49.282	ug/l	98
20) Methylene Chloride	4.96	84	151767	47.513	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	161506	49.905	ug/l	96
22) Diisopropyl ether	6.36	45	462145	49.948	ug/l	99
23) Vinyl Acetate	6.30	43	1351635	248.366	ug/l	100
24) 1,1-Dichloroethane	6.26	63	270626	49.955	ug/l	98
25) 2-Butanone	7.21	43	208973	258.201	ug/l	95
26) 2,2-Dichloropropane	7.20	77	252487	50.215	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	174608	49.234	ug/l	100
28) Bromochloromethane	7.54	49	116966	52.514	ug/l	99
29) Tetrahydrofuran	7.56	42	123571	240.813	ug/l	100
30) Chloroform	7.71	83	277632	50.709	ug/l	97
31) Cyclohexane	7.98	56	257347	46.929	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	259846	50.665	ug/l	100
36) 1,1-Dichloropropene	8.11	75	217921	48.447	ug/l	99
37) Ethyl Acetate	7.29	43	89176	46.275	ug/l	98
38) Carbon Tetrachloride	8.10	117	238048	49.895	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	278108	48.244	ug/l	100
40) Benzene	8.35	78	606222	49.011	ug/l	99
41) Methacrylonitrile	7.51	41	46758	44.057	ug/l	90
42) 1,2-Dichloroethane	8.42	62	170226	49.427	ug/l	100
43) Isopropyl Acetate	8.45	43	180772	47.328	ug/l	100
44) Trichloroethene	9.11	130	178995	48.337	ug/l	97
45) 1,2-Dichloropropane	9.38	63	148752	48.776	ug/l	98
46) Dibromomethane	9.47	93	80659	49.049	ug/l	98
47) Bromodichloromethane	9.66	83	212049	49.264	ug/l	94
48) Methyl methacrylate	9.46	41	87618	48.870	ug/l	98
49) 1,4-Dioxane	9.46	88	18136	934.702	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	440275	240.873	ug/l	99
52) Toluene	10.40	92	402378	49.656	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	207125	49.256	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	249758	49.934	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	108797	48.565	ug/l	96
56) Ethyl methacrylate	10.66	69	141745	48.546	ug/l	97
57) 1,3-Dichloropropane	10.95	76	187484	48.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	352789	259.711	ug/l	99
59) 2-Hexanone	10.98	43	318226	255.664	ug/l	98
60) Dibromochloromethane	11.14	129	149721	49.908	ug/l	100
61) 1,2-Dibromoethane	11.25	107	108644	48.558	ug/l	99
64) Tetrachloroethene	10.88	164	154105	48.821	ug/l	98
65) Chlorobenzene	11.67	112	425853	49.505	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	160139	49.723	ug/l	100
67) Ethyl Benzene	11.75	91	764258	49.827	ug/l	98
68) m/p-Xylenes	11.86	106	585303	99.912	ug/l	99
69) o-Xylene	12.18	106	275963	50.603	ug/l	99
70) Styrene	12.20	104	465651	50.033	ug/l	100
71) Bromoform	12.36	173	90055	50.664	ug/l #	98
73) Isopropylbenzene	12.48	105	752305	49.559	ug/l	99
74) N-amyl acetate	12.29	43	168128	47.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	117217	48.788	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	68644m	40.678	ug/l	
77) Bromobenzene	12.77	156	177861	48.610	ug/l	99
78) n-propylbenzene	12.83	91	879008	49.571	ug/l	100
79) 2-Chlorotoluene	12.91	91	483015	49.230	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	617641	49.381	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	40128	46.652	ug/l	95
82) 4-Chlorotoluene	13.01	91	513110	49.605	ug/l	100
83) tert-Butylbenzene	13.23	119	542248	48.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	609501	49.412	ug/l	99
85) sec-Butylbenzene	13.41	105	746463	49.462	ug/l	100
86) p-Isopropyltoluene	13.52	119	681565	49.133	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	337917	49.240	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	330959	48.417	ug/l	99
89) n-Butylbenzene	13.85	91	643232	49.589	ug/l	99
90) Hexachloroethane	14.12	117	135605	49.968	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	293309	49.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19280	47.987	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	224347	49.682	ug/l	99
94) Hexachlorobutadiene	15.28	225	131674	48.637	ug/l	100
95) Naphthalene	15.41	128	362844	48.311	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	185048	48.064	ug/l	99

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

