

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065798.D
 Acq On : 18 Jun 2020 10:25
 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: Jun 19 01:07:04 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	225224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	343539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	313946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	111913	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.91	113	113141	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.34	98	429984	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.64	95	147783	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	65563	42.707	ug/l	100
3) Chloromethane	2.21	50	114168	44.638	ug/l	99
4) Vinyl Chloride	2.35	62	136139	40.970	ug/l	99
5) Bromomethane	2.77	94	96174	41.386	ug/l	97
6) Chloroethane	2.93	64	93735	41.720	ug/l	100
7) Trichlorofluoromethane	3.27	101	160674	42.678	ug/l	99
8) Diethyl Ether	3.71	74	41304	41.730	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	96985	43.203	ug/l	100
10) Methyl Iodide	4.30	142	95165	43.533	ug/l	99
11) Tert butyl alcohol	5.22	59	28001	220.230	ug/l	98
12) 1,1-Dichloroethene	4.07	96	88712	43.358	ug/l	97
13) Acrolein	3.92	56	26091	208.722	ug/l	97
14) Allyl chloride	4.71	41	149065	44.080	ug/l	98
15) Acrylonitrile	5.41	53	94602	210.435	ug/l	98
16) Acetone	4.16	43	126032	300.216	ug/l	99
17) Carbon Disulfide	4.41	76	288253	41.975	ug/l	100
18) Methyl Acetate	4.71	43	42235	44.181	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	201008	43.373	ug/l	97
20) Methylene Chloride	4.96	84	106239	47.423	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	104332	43.541	ug/l	95
22) Diisopropyl ether	6.36	45	301177	44.078	ug/l	97
23) Vinyl Acetate	6.30	43	883939	229.094	ug/l	99
24) 1,1-Dichloroethane	6.26	63	180058	43.250	ug/l	99
25) 2-Butanone	7.21	43	140584	242.481	ug/l	97
26) 2,2-Dichloropropane	7.21	77	170150	46.093	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	111778	43.366	ug/l	98
28) Bromochloromethane	7.54	49	82991	51.613	ug/l	98
29) Tetrahydrofuran	7.57	42	81739	223.069	ug/l	98
30) Chloroform	7.71	83	187734	43.505	ug/l	97
31) Cyclohexane	7.98	56	167316	41.922	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	175618	44.259	ug/l	98
36) 1,1-Dichloropropene	8.11	75	148448	45.109	ug/l	100
37) Ethyl Acetate	7.29	43	59798	46.132	ug/l	96
38) Carbon Tetrachloride	8.10	117	160064	46.217	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	177674	45.601	ug/l	99
40) Benzene	8.35	78	398264	44.268	ug/l	99
41) Methacrylonitrile	7.53	41	36074m	46.738	ug/l	
42) 1,2-Dichloroethane	8.43	62	118121	43.515	ug/l	100
43) Isopropyl Acetate	8.45	43	115963	44.989	ug/l	97
44) Trichloroethene	9.11	130	112264	44.840	ug/l	100
45) 1,2-Dichloropropane	9.39	63	99495	44.014	ug/l	95
46) Dibromomethane	9.48	93	53415	43.568	ug/l	99
47) Bromodichloromethane	9.66	83	146053	44.456	ug/l	96
48) Methyl methacrylate	9.46	41	59463	47.659	ug/l	97
49) 1,4-Dioxane	9.47	88	11589	888.091	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	286870	227.127	ug/l	98
52) Toluene	10.40	92	267225	45.713	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	138717	46.628	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	161111	45.854	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	74268	45.337	ug/l	97
56) Ethyl methacrylate	10.66	69	89477	46.438	ug/l	98
57) 1,3-Dichloropropane	10.95	76	126043	44.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	236068	263.529	ug/l	99
59) 2-Hexanone	10.98	43	209758	246.331	ug/l	99
60) Dibromochloromethane	11.14	129	98782	44.638	ug/l	99
61) 1,2-Dibromoethane	11.25	107	73223	45.483	ug/l	98
64) Tetrachloroethene	10.88	164	94990	44.745	ug/l	99
65) Chlorobenzene	11.67	112	276586	45.128	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	103665	45.376	ug/l	99
67) Ethyl Benzene	11.75	91	510485	46.624	ug/l	97
68) m/p-Xylenes	11.86	106	397237	94.191	ug/l	99
69) o-Xylene	12.18	106	177475	46.673	ug/l	98
70) Styrene	12.20	104	315149	47.876	ug/l	99
71) Bromoform	12.37	173	57340	45.578	ug/l #	99
73) Isopropylbenzene	12.48	105	497074	46.567	ug/l	100
74) N-amyl acetate	12.29	43	107598	45.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	81098	44.986	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	58920m	47.585	ug/l	
77) Bromobenzene	12.77	156	115562	45.757	ug/l	99
78) n-propylbenzene	12.83	91	596148	46.396	ug/l	98
79) 2-Chlorotoluene	12.91	91	324218	45.997	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	419610	47.238	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	27185	47.437	ug/l	97
82) 4-Chlorotoluene	13.01	91	349045	46.134	ug/l	99
83) tert-Butylbenzene	13.23	119	363409	47.149	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	411629	46.297	ug/l	99
85) sec-Butylbenzene	13.41	105	515308	48.041	ug/l	99
86) p-Isopropyltoluene	13.52	119	468683	47.672	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	228751	45.936	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	223629	45.144	ug/l	99
89) n-Butylbenzene	13.85	91	453278	48.341	ug/l	99
90) Hexachloroethane	14.12	117	92423	46.965	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	194449	45.372	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13447	44.820	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	136137	46.719	ug/l	98
94) Hexachlorobutadiene	15.27	225	80152	45.502	ug/l	99
95) Naphthalene	15.41	128	221655	44.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	113821	45.352	ug/l	99

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

