

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061867.D
 Acq On : 18 Apr 2019 11:42
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 18 13:51:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	659635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1049693	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	881794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	380181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	295313	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
35) Dibromofluoromethane	6.92	113	391455	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.41	98	902459	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	13.56	95	348194	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	295261	45.861	ug/l	99
3) Chloromethane	1.76	50	229758	44.779	ug/l	95
4) Vinyl Chloride	1.85	62	255628	50.199	ug/l	98
5) Bromomethane	2.15	94	61318	54.109	ug/l	96
6) Chloroethane	2.27	64	86704	49.911	ug/l	100
7) Trichlorofluoromethane	2.53	101	344415	41.703	ug/l	99
8) Diethyl Ether	2.87	74	114288	52.803	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.15	101	333616	45.304	ug/l	98
10) Methyl Iodide	3.31	142	525423	45.067	ug/l	99
11) Tert butyl alcohol	4.06	59	92727	284.420	ug/l	98
12) 1,1-Dichloroethene	3.13	96	291387	47.067	ug/l	97
13) Acrolein	3.03	56	93717	296.933	ug/l	99
14) Allyl chloride	3.63	41	435260	51.581	ug/l	99
15) Acrylonitrile	4.19	53	269312	263.127	ug/l	94
16) Acetone	3.21	43	395111	289.982	ug/l	98
17) Carbon Disulfide	3.38	76	923639	46.175	ug/l	99
18) Methyl Acetate	3.64	43	129937	47.579	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	608949	52.708	ug/l	95
20) Methylene Chloride	3.81	84	354316	52.549	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	333447	49.010	ug/l	95
22) Diisopropyl ether	5.12	45	906996	50.283	ug/l	99
23) Vinyl Acetate	5.05	43	2511304	260.443	ug/l	99
24) 1,1-Dichloroethane	4.98	63	565852	51.740	ug/l	99
25) 2-Butanone	6.07	43	422109	272.117	ug/l	97
26) 2,2-Dichloropropane	6.02	77	472857	50.023	ug/l	100
27) cis-1,2-Dichloroethene	6.04	96	360304	48.852	ug/l	98
28) Bromochloromethane	6.44	49	202623	48.777	ug/l	92
29) Tetrahydrofuran	6.45	42	194048	256.808	ug/l	98
30) Chloroform	6.67	83	606412	49.713	ug/l	97
31) Cyclohexane	6.95	56	377505	45.091	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	529107	48.932	ug/l	97
36) 1,1-Dichloropropene	7.15	75	434823	50.692	ug/l	99
37) Ethyl Acetate	6.18	43	191873	52.265	ug/l	94
38) Carbon Tetrachloride	7.11	117	574306	53.024	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	438515	49.231	ug/l	98
40) Benzene	7.46	78	1129872	54.866	ug/l	99
41) Methacrylonitrile	6.45	41	222477	51.272	ug/l #	92
42) 1,2-Dichloroethane	7.57	62	371482	51.796	ug/l	98
43) Isopropyl Acetate	9.24	43	285094	55.184	ug/l #	97
44) Trichloroethene	8.54	130	429040	54.120	ug/l	97
45) 1,2-Dichloropropane	8.94	63	272112	50.729	ug/l	93
46) Dibromomethane	9.06	93	197935	51.787	ug/l	96
47) Bromodichloromethane	9.37	83	448514	50.866	ug/l	99
48) Methyl methacrylate	9.12	41	154532	50.887	ug/l	96
49) 1,4-Dioxane	9.08	88	38164	1149.785	ug/l	87
51) 4-Methyl-2-Pentanone	10.30	43	841226	266.267	ug/l	99
52) Toluene	10.51	92	648236	49.121	ug/l	94
53) t-1,3-Dichloropropene	10.91	75	383393	48.254	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	472635	50.677	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	224820	50.558	ug/l	95
56) Ethyl methacrylate	11.04	69	257175	52.694	ug/l	99
57) 1,3-Dichloropropane	11.41	76	338519	50.637	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.86	63	585213	252.096	ug/l	99
59) 2-Hexanone	11.53	43	610707	260.262	ug/l	97
60) Dibromochloromethane	11.69	129	397126	54.580	ug/l	99
61) 1,2-Dibromoethane	11.81	107	280607	51.320	ug/l	99
64) Tetrachloroethene	11.26	164	302818	45.791	ug/l	98
65) Chlorobenzene	12.40	112	844534	51.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	341746	49.658	ug/l	96
67) Ethyl Benzene	12.52	91	1263653	48.050	ug/l	100
68) m/p-Xylenes	12.67	106	962249	97.407	ug/l	97
69) o-Xylene	13.05	106	435885	46.944	ug/l	99
70) Styrene	13.08	104	796879	49.873	ug/l	97
71) Bromoform	13.23	173	216570	53.016	ug/l	99
73) Isopropylbenzene	13.40	105	1174323	47.628	ug/l	99
74) N-amyl acetate	13.26	43	353491	53.316	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	262004	53.759	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	262433	52.562	ug/l	98
77) Bromobenzene	13.67	156	377099	53.842	ug/l	86
78) n-propylbenzene	13.78	91	1499821	52.650	ug/l	98
79) 2-Chlorotoluene	13.84	91	840317	50.497	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	1017835	52.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	85802	52.820	ug/l	92
82) 4-Chlorotoluene	13.94	91	978414	51.367	ug/l	89
83) tert-Butylbenzene	14.19	119	1110179	48.329	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	967247	49.186	ug/l	97
85) sec-Butylbenzene	14.37	105	1233773	51.955	ug/l	100
86) p-Isopropyltoluene	14.49	119	1026857	46.216	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	629726	51.503	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	591201	48.914	ug/l	99
89) n-Butylbenzene	14.80	91	988397	50.255	ug/l	98
90) Hexachloroethane	15.01	117	286893	47.374	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	515899	50.372	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.38	75	37505	53.657	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	290421	51.629	ug/l	97
94) Hexachlorobutadiene	16.04	225	199142	48.851	ug/l	98
95) Naphthalene	16.13	128	478789	55.531	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	161683	50.438	ug/l	99

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

