

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063375.D
 Acq On : 5 Aug 2019 11:43
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 06 07:47:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1176350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1566394	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1271469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	690262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	608589	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	6.92	113	673429	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.40	98	1566422	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	13.55	95	655146	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	662779	46.093	ug/l	100
3) Chloromethane	1.74	50	539130	48.258	ug/l	97
4) Vinyl Chloride	1.84	62	561311	48.534	ug/l	98
5) Bromomethane	2.14	94	252775	43.336	ug/l	99
6) Chloroethane	2.26	64	274598	51.426	ug/l	91
7) Trichlorofluoromethane	2.53	101	1129467	50.340	ug/l	100
8) Diethyl Ether	2.86	74	151994	48.404	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.14	101	623657	50.179	ug/l	95
10) Methyl Iodide	3.29	142	901049	50.185	ug/l	100
11) Tert butyl alcohol	4.07	59	125335	218.805	ug/l #	86
12) 1,1-Dichloroethene	3.12	96	474424	51.996	ug/l	82
13) Acrolein	3.03	56	129711	235.290	ug/l	96
14) Allyl chloride	3.61	41	742050	51.052	ug/l	94
15) Acrylonitrile	4.19	53	398693	268.467	ug/l	99
16) Acetone	3.22	43	781956	307.472	ug/l	99
17) Carbon Disulfide	3.36	76	1496527	49.003	ug/l	98
18) Methyl Acetate	3.63	43	239490	49.025	ug/l	100
19) Methyl tert-butyl Ether	4.23	73	1111360	53.922	ug/l	99
20) Methylene Chloride	3.81	84	500433	48.681	ug/l	96
21) trans-1,2-Dichloroethene	4.20	96	544367	53.173	ug/l	91
22) Diisopropyl ether	5.12	45	1591563	54.806	ug/l	97
23) Vinyl Acetate	5.05	43	4790213	268.347	ug/l	99
24) 1,1-Dichloroethane	4.98	63	942067	50.787	ug/l	98
25) 2-Butanone	6.06	43	687269	269.275	ug/l	92
26) 2,2-Dichloropropane	6.01	77	1007576	52.709	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	563031	51.295	ug/l	91
28) Bromochloromethane	6.43	49	341583	46.219	ug/l #	96
29) Tetrahydrofuran	6.46	42	310752	257.164	ug/l	99
30) Chloroform	6.65	83	1124067	48.830	ug/l	93
31) Cyclohexane	6.95	56	604089	51.957	ug/l	93
32) 1,1,1-Trichloroethane	6.86	97	1114568	50.056	ug/l	97
36) 1,1-Dichloropropene	7.14	75	791468	55.366	ug/l	95
37) Ethyl Acetate	6.18	43	331075	51.551	ug/l #	97
38) Carbon Tetrachloride	7.10	117	1285125	59.715	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	662123	55.592	ug/l	96
40) Benzene	7.45	78	1645415	54.920	ug/l	100
41) Methacrylonitrile	6.45	41	414526	53.958	ug/l #	88
42) 1,2-Dichloroethane	7.58	62	850367	53.555	ug/l	99
43) Isopropyl Acetate	9.24	43	451172	54.995	ug/l #	100
44) Trichloroethene	8.53	130	640403	52.750	ug/l	95
45) 1,2-Dichloropropane	8.94	63	393316	51.649	ug/l	97
46) Dibromomethane	9.05	93	332970	52.586	ug/l	91
47) Bromodichloromethane	9.37	83	889694	55.121	ug/l	94
48) Methyl methacrylate	9.12	41	287290	53.995	ug/l	93
49) 1,4-Dioxane	9.07	88	51103	1134.356	ug/l	90
51) 4-Methyl-2-Pentanone	10.29	43	1526899	273.673	ug/l	99
52) Toluene	10.51	92	1095534	54.978	ug/l	92
53) t-1,3-Dichloropropene	10.90	75	758425	54.503	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	775917	53.055	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	357295	53.091	ug/l	94
56) Ethyl methacrylate	11.04	69	413532	56.115	ug/l	98
57) 1,3-Dichloropropane	11.41	76	590973	55.733	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	878152	229.007	ug/l	96
59) 2-Hexanone	11.53	43	1178583	293.131	ug/l	96
60) Dibromochloromethane	11.68	129	684094	53.845	ug/l	98
61) 1,2-Dibromoethane	11.80	107	453246	54.580	ug/l	96
64) Tetrachloroethene	11.26	164	568604	56.134	ug/l	99
65) Chlorobenzene	12.40	112	1370985	56.059	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	605210	56.180	ug/l	96
67) Ethyl Benzene	12.52	91	2361501	56.842	ug/l	99
68) m/p-Xylenes	12.67	106	1677200	110.082	ug/l	97
69) o-Xylene	13.05	106	762739	54.515	ug/l	93
70) Styrene	13.07	104	1382337	55.711	ug/l	98
71) Bromoform	13.24	173	431907	55.132	ug/l	98
73) Isopropylbenzene	13.41	105	2313878	53.410	ug/l	97
74) N-amyl acetate	13.27	43	591122	51.614	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	422619	57.429	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	457748	55.211	ug/l	99
77) Bromobenzene	13.67	156	661797	53.624	ug/l	87
78) n-propylbenzene	13.77	91	2755495	53.447	ug/l	97
79) 2-Chlorotoluene	13.84	91	1631330	54.609	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	1886536	50.488	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	119433	51.877	ug/l	99
82) 4-Chlorotoluene	13.95	91	1834469	52.180	ug/l	98
83) tert-Butylbenzene	14.19	119	2302480	53.967	ug/l	87
84) 1,2,4-Trimethylbenzene	14.23	105	2046088	52.940	ug/l	100
85) sec-Butylbenzene	14.37	105	2511754	55.878	ug/l	95
86) p-Isopropyltoluene	14.49	119	2099958	48.946	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	1203198	55.052	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	1150304	52.048	ug/l	99
89) n-Butylbenzene	14.79	91	2090531	56.417	ug/l	95
90) Hexachloroethane	15.01	117	618929	55.371	ug/l	78
91) 1,2-Dichlorobenzene	14.80	146	1020904	53.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	80515	53.713	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	865067	57.265	ug/l	99
94) Hexachlorobutadiene	16.03	225	608740	55.606	ug/l	99
95) Naphthalene	16.12	128	1114927	52.218	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	647170	54.229	ug/l	98

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

