

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063334.D
 Acq On : 3 Aug 2019 1:01
 Operator : VA/AP
 Sample : VD0802SBSD02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBSD02

Quant Time: Aug 03 01:25:27 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	975586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1340015	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1146040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	609772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	520977	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	6.91	113	565027	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.41	98	1242193	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	13.55	95	570716	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	226617	19.003	ug/l	99
3) Chloromethane	1.74	50	186101	20.086	ug/l	97
4) Vinyl Chloride	1.84	62	181642	18.938	ug/l	95
5) Bromomethane	2.15	94	83980	17.360	ug/l	97
6) Chloroethane	2.25	64	80197	18.110	ug/l	98
7) Trichlorofluoromethane	2.52	101	353079	18.975	ug/l	99
8) Diethyl Ether	2.87	74	53291	20.463	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.13	101	222524	21.589	ug/l	94
10) Methyl Iodide	3.29	142	285843	19.197	ug/l	94
11) Tert butyl alcohol	4.08	59	47207	99.371	ug/l #	91
12) 1,1-Dichloroethene	3.11	96	149040	19.696	ug/l	88
13) Acrolein	3.02	56	35789	78.279	ug/l #	72
14) Allyl chloride	3.60	41	250540	20.784	ug/l	95
15) Acrylonitrile	4.18	53	139226	113.043	ug/l	97
16) Acetone	3.22	43	202760	96.134	ug/l	98
17) Carbon Disulfide	3.36	76	454701	17.953	ug/l	98
18) Methyl Acetate	3.63	43	104912	25.896	ug/l	97
19) Methyl tert-butyl Ether	4.23	73	370433	21.672	ug/l	100
20) Methylene Chloride	3.81	84	191070	22.412	ug/l	91
21) trans-1,2-Dichloroethene	4.20	96	178740	21.052	ug/l	84
22) Diisopropyl ether	5.11	45	513098	21.305	ug/l	98
23) Vinyl Acetate	5.04	43	1541960	104.156	ug/l	100
24) 1,1-Dichloroethane	4.97	63	324250	21.078	ug/l	99
25) 2-Butanone	6.06	43	227749	107.596	ug/l #	90
26) 2,2-Dichloropropane	6.02	77	289091	18.235	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	197386	21.684	ug/l	90
28) Bromochloromethane	6.43	49	128833	21.019	ug/l	90
29) Tetrahydrofuran	6.46	42	115247	115.000	ug/l	98
30) Chloroform	6.66	83	392473	20.558	ug/l	94
31) Cyclohexane	6.94	56	174842	18.132	ug/l #	84
32) 1,1,1-Trichloroethane	6.86	97	372083	20.149	ug/l	91
36) 1,1-Dichloropropene	7.14	75	252261	20.628	ug/l	97
37) Ethyl Acetate	6.17	43	128379	23.366	ug/l #	88
38) Carbon Tetrachloride	7.10	117	352340	19.138	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	204285	20.049	ug/l	98
40) Benzene	7.44	78	557298	21.744	ug/l	99
41) Methacrylonitrile	6.45	41	159534	24.274	ug/l #	95
42) 1,2-Dichloroethane	7.57	62	290001	21.349	ug/l	93
43) Isopropyl Acetate	9.23	43	149544	21.308	ug/l #	99
44) Trichloroethene	8.53	130	203746	19.618	ug/l	93
45) 1,2-Dichloropropane	8.93	63	128045	19.655	ug/l	99
46) Dibromomethane	9.06	93	118966	21.963	ug/l	87
47) Bromodichloromethane	9.36	83	302411	21.901	ug/l	91
48) Methyl methacrylate	9.12	41	102520	22.523	ug/l #	83
49) 1,4-Dioxane	9.07	88	17011	438.866	ug/l	91
51) 4-Methyl-2-Pentanone	10.30	43	522171	109.402	ug/l	95
52) Toluene	10.50	92	367965	21.586	ug/l	87
53) t-1,3-Dichloropropene	10.91	75	255095	21.429	ug/l	92
54) cis-1,3-Dichloropropene	10.03	75	263094	21.029	ug/l	100
55) 1,1,2-Trichloroethane	11.18	97	122479	21.274	ug/l	96
56) Ethyl methacrylate	11.04	69	137094	21.746	ug/l	96
57) 1,3-Dichloropropane	11.40	76	190434	20.993	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.85	63	367791	112.117	ug/l	96
59) 2-Hexanone	11.53	43	368916	107.256	ug/l	99
60) Dibromochloromethane	11.68	129	242265	22.290	ug/l	92
61) 1,2-Dibromoethane	11.80	107	166365	23.418	ug/l	97
64) Tetrachloroethene	11.25	164	187612	20.549	ug/l	95
65) Chlorobenzene	12.39	112	425262	19.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	212156	21.849	ug/l	93
67) Ethyl Benzene	12.51	91	746503	19.935	ug/l	99
68) m/p-Xylenes	12.66	106	563238	41.014	ug/l	93
69) o-Xylene	13.04	106	271129	21.499	ug/l	94
70) Styrene	13.06	104	485865	21.725	ug/l	99
71) Bromoform	13.23	173	155486	22.020	ug/l	94
73) Isopropylbenzene	13.40	105	777217	20.308	ug/l	97
74) N-amyl acetate	13.26	43	203825	20.146	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	143831	22.125	ug/l	96
76) 1,2,3-Trichloropropane	13.72	75	157213	21.465	ug/l	94
77) Bromobenzene	13.66	156	225150	20.652	ug/l	86
78) n-propylbenzene	13.77	91	912701	20.040	ug/l	99
79) 2-Chlorotoluene	13.83	91	587661	22.269	ug/l	93
80) 1,3,5-Trimethylbenzene	13.93	105	703414	21.310	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	39793	19.566	ug/l	93
82) 4-Chlorotoluene	13.94	91	672104	21.641	ug/l	93
83) tert-Butylbenzene	14.19	119	723761	19.203	ug/l	91
84) 1,2,4-Trimethylbenzene	14.24	105	657237	19.250	ug/l	98
85) sec-Butylbenzene	14.36	105	852731	21.474	ug/l	100
86) p-Isopropyltoluene	14.48	119	698457	18.429	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	399674	20.701	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	403839	20.685	ug/l	99
89) n-Butylbenzene	14.80	91	681751	20.827	ug/l	99
90) Hexachloroethane	15.00	117	193018	19.547	ug/l	87
91) 1,2-Dichlorobenzene	14.81	146	354616	21.081	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	29465	22.251	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	248802	18.644	µg/l	99
94) Hexachlorobutadiene	16.03	225	175243	18.121	µg/l	94
95) Naphthalene	16.12	128	381659	20.235	µg/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	199022	18.878	µg/l	97

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

