

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061826.D
 Acq On : 17 Apr 2019 00:56
 Operator : VA/AP
 Sample : VD0416SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBS02

Quant Time: Apr 17 01:36:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	598670	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	961674	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	844033	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	392457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	285247	56.85	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	6.92	113	413748	56.95	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	113.90%	
50) Toluene-d8	10.41	98	948134	55.08	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	110.16%	
62) 4-Bromofluorobenzene	13.56	95	392970	56.32	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	83640	14.314	ug/l	97
3) Chloromethane	1.76	50	81266	17.451	ug/l	96
4) Vinyl Chloride	1.85	62	74218	16.059	ug/l	98
5) Bromomethane	2.15	94	15115	11.800	ug/l	93
6) Chloroethane	2.27	64	23973	15.205	ug/l #	88
7) Trichlorofluoromethane	2.53	101	120496	16.076	ug/l	100
8) Diethyl Ether	2.88	74	38421	19.559	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.15	101	114151	17.080	ug/l	99
10) Methyl Iodide	3.31	142	153669	16.905	ug/l	96
11) Tert butyl alcohol	4.08	59	31248	105.607	ug/l	99
12) 1,1-Dichloroethene	3.13	96	97878	17.420	ug/l	90
13) Acrolein	3.04	56	32905	114.873	ug/l	95
14) Allyl chloride	3.63	41	132364	17.283	ug/l	95
15) Acrylonitrile	4.20	53	87767	94.484	ug/l	89
16) Acetone	3.22	43	101158	81.803	ug/l	97
17) Carbon Disulfide	3.38	76	276583	15.235	ug/l	100
18) Methyl Acetate	3.65	43	49560	19.996	ug/l	94
19) Methyl tert-butyl Ether	4.24	73	194655	18.564	ug/l	99
20) Methylene Chloride	3.82	84	142680	20.507	ug/l	97
21) trans-1,2-Dichloroethene	4.23	96	105969	17.161	ug/l	99
22) Diisopropyl ether	5.12	45	310389	18.960	ug/l	99
23) Vinyl Acetate	5.06	43	830668	94.920	ug/l	99
24) 1,1-Dichloroethane	4.99	63	181666	18.303	ug/l	99
25) 2-Butanone	6.07	43	130735	92.862	ug/l	98
26) 2,2-Dichloropropane	6.03	77	146751	17.106	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	134396	20.078	ug/l	87
28) Bromochloromethane	6.44	49	81996	21.749	ug/l	94
29) Tetrahydrofuran	6.46	42	67272	98.096	ug/l	99
30) Chloroform	6.67	83	195871	17.693	ug/l	100
31) Cyclohexane	6.96	56	123874	16.303	ug/l	96
32) 1,1,1-Trichloroethane	6.88	97	174736	17.805	ug/l	99
36) 1,1-Dichloropropene	7.15	75	137080	17.444	ug/l	94
37) Ethyl Acetate	6.19	43	65060	19.344	ug/l	99
38) Carbon Tetrachloride	7.12	117	162579	16.384	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	144864	17.752	ug/l	99
40) Benzene	7.46	78	354334	18.781	ug/l	96
41) Methacrylonitrile	6.45	41	81483	20.497	ug/l #	92
42) 1,2-Dichloroethane	7.58	62	125175	19.051	ug/l	97
43) Isopropyl Acetate	9.25	43	88523	18.703	ug/l	95
44) Trichloroethene	8.55	130	129655	17.852	ug/l	99
45) 1,2-Dichloropropane	8.94	63	92249	18.772	ug/l	97
46) Dibromomethane	9.07	93	66532	19.001	ug/l	88
47) Bromodichloromethane	9.38	83	148513	18.384	ug/l	100
48) Methyl methacrylate	9.12	41	51173	18.393	ug/l	96
49) 1,4-Dioxane	9.08	88	12552	412.772	ug/l	94
51) 4-Methyl-2-Pentanone	10.30	43	301474	104.157	ug/l	98
52) Toluene	10.51	92	224702	18.586	ug/l	95
53) t-1,3-Dichloropropene	10.91	75	138626	19.045	ug/l	97
54) cis-1,3-Dichloropropene	10.05	75	162947	19.071	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	78331	19.227	ug/l	98
56) Ethyl methacrylate	11.04	69	89555	20.029	ug/l	99
57) 1,3-Dichloropropane	11.41	76	108916	17.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	262920	123.626	ug/l	100
59) 2-Hexanone	11.53	43	211517	98.391	ug/l	98
60) Dibromochloromethane	11.69	129	122664	18.402	ug/l	99
61) 1,2-Dibromoethane	11.81	107	93152	18.596	ug/l	99
64) Tetrachloroethene	11.26	164	105884	16.728	ug/l	97
65) Chlorobenzene	12.40	112	306572	19.504	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.52	131	113228	17.189	ug/l	99
67) Ethyl Benzene	12.53	91	414616	16.471	ug/l	100
68) m/p-Xylenes	12.66	106	366600	38.771	ug/l	97
69) o-Xylene	13.05	106	172401	19.398	ug/l	99
70) Styrene	13.08	104	298863	19.541	ug/l	95
71) Bromoform	13.23	173	72206	18.467	ug/l	97
73) Isopropylbenzene	13.40	105	413058	16.229	ug/l	99
74) N-amyl acetate	13.26	43	121473	17.748	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	88731	17.637	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	92950	18.035	ug/l	98
77) Bromobenzene	13.67	156	126371	17.479	ug/l	92
78) n-propylbenzene	13.78	91	544166	18.505	ug/l	98
79) 2-Chlorotoluene	13.85	91	308255	17.944	ug/l	97
80) 1,3,5-Trimethylbenzene	13.93	105	368828	18.263	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	26217	17.973	ug/l	92
82) 4-Chlorotoluene	13.94	91	350957	17.849	ug/l	88
83) tert-Butylbenzene	14.19	119	411502	17.353	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	367446	18.101	ug/l	100
85) sec-Butylbenzene	14.37	105	396677	16.182	ug/l	97
86) p-Isopropyltoluene	14.49	119	426744	18.606	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	234328	18.565	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	223610	17.922	ug/l	100
89) n-Butylbenzene	14.80	91	347697	17.126	ug/l	97
90) Hexachloroethane	15.01	117	107924	17.264	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	193325	18.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	12789	21.076	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	102264	17.611	ug/l	96
94) Hexachlorobutadiene	16.04	225	77281	18.365	ug/l	98
95) Naphthalene	16.12	128	172402	19.370	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	58998	17.829	ug/l	96

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

