

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061697.D
 Acq On : 10 Apr 2019 3:54
 Operator : VA/AP
 Sample : VD0409SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBS02

Quant Time: Apr 10 04:17:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	563482	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	958976	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	798793	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	357466	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	231681	54.24	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	6.95	113	334895	50.41	ug/l	0.03
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.43	98	780298	46.75	ug/l	0.02
Spiked Amount	50.000		Recovery	=	93.50%	
62) 4-Bromofluorobenzene	13.57	95	288329	48.92	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	105882	17.418	ug/l	97
3) Chloromethane	1.75	50	93530	19.039	ug/l	97
4) Vinyl Chloride	1.85	62	81146	17.677	ug/l	97
5) Bromomethane	2.15	94	18594	17.501	ug/l	92
6) Chloroethane	2.26	64	30145	20.967	ug/l	99
7) Trichlorofluoromethane	2.53	101	131724	19.005	ug/l	95
8) Diethyl Ether	2.88	74	45795	23.543	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.16	101	139345	20.450	ug/l	96
10) Methyl Iodide	3.32	142	170124	19.173	ug/l	92
11) Tert butyl alcohol	4.08	59	31534	110.163	ug/l #	92
12) 1,1-Dichloroethene	3.14	96	117642	20.027	ug/l	99
13) Acrolein	3.04	56	30877	88.473	ug/l	93
14) Allyl chloride	3.64	41	158213	19.747	ug/l	98
15) Acrylonitrile	4.22	53	105143	106.705	ug/l	92
16) Acetone	3.23	43	99107	77.622	ug/l	97
17) Carbon Disulfide	3.39	76	338141	17.716	ug/l	100
18) Methyl Acetate	3.65	43	53874	22.427	ug/l	99
19) Methyl tert-butyl Ether	4.26	73	229737	22.587	ug/l	99
20) Methylene Chloride	3.83	84	150972	20.837	ug/l	95
21) trans-1,2-Dichloroethene	4.24	96	129018	20.222	ug/l	97
22) Diisopropyl ether	5.14	45	366763	21.834	ug/l	99
23) Vinyl Acetate	5.08	43	1026799	110.781	ug/l	98
24) 1,1-Dichloroethane	5.01	63	210349	20.435	ug/l	99
25) 2-Butanone	6.10	43	154534	104.988	ug/l	99
26) 2,2-Dichloropropane	6.05	77	166873	19.909	ug/l	97
27) cis-1,2-Dichloroethene	6.06	96	153669	22.577	ug/l	96
28) Bromochloromethane	6.46	49	76967	20.270	ug/l	93
29) Tetrahydrofuran	6.48	42	79211	111.479	ug/l	99
30) Chloroform	6.69	83	235974	21.883	ug/l	98
31) Cyclohexane	6.98	56	145131	18.048	ug/l	95
32) 1,1,1-Trichloroethane	6.89	97	189185	20.020	ug/l	99
36) 1,1-Dichloropropene	7.17	75	168193	20.040	ug/l	98
37) Ethyl Acetate	6.20	43	72345	21.163	ug/l #	93
38) Carbon Tetrachloride	7.14	117	190919	19.410	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	155070	17.997	ug/l	98
40) Benzene	7.48	78	439409	21.702	ug/l	100
41) Methacrylonitrile	6.47	41	90747	22.740	ug/l	96
42) 1,2-Dichloroethane	7.60	62	143839	22.589	ug/l	98
43) Isopropyl Acetate	9.26	43	103541	20.870	ug/l #	100
44) Trichloroethene	8.57	130	156166	20.119	ug/l	89
45) 1,2-Dichloropropane	8.96	63	104975	20.906	ug/l	99
46) Dibromomethane	9.09	93	75615	21.070	ug/l	97
47) Bromodichloromethane	9.39	83	169729	21.534	ug/l	97
48) Methyl methacrylate	9.14	41	59228	20.710	ug/l	94
49) 1,4-Dioxane	9.11	88	13038	413.031	ug/l #	80
51) 4-Methyl-2-Pentanone	10.32	43	337984	115.193	ug/l	99
52) Toluene	10.53	92	277802	21.972	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	151297	21.899	ug/l	99
54) cis-1,3-Dichloropropene	10.06	75	184749	21.692	ug/l	98
55) 1,1,2-Trichloroethane	11.22	97	91927	21.558	ug/l	95
56) Ethyl methacrylate	11.06	69	99208	22.054	ug/l	93
57) 1,3-Dichloropropane	11.43	76	126986	20.335	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.88	63	248881	117.254	ug/l	97
59) 2-Hexanone	11.55	43	228598	100.391	ug/l	98
60) Dibromochloromethane	11.71	129	147310	21.865	ug/l	100
61) 1,2-Dibromoethane	11.83	107	108985	21.854	ug/l	98
64) Tetrachloroethene	11.27	164	123013	19.839	ug/l	98
65) Chlorobenzene	12.42	112	338931	21.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	139158	22.829	ug/l	98
67) Ethyl Benzene	12.53	91	534068	22.140	ug/l	99
68) m/p-Xylenes	12.68	106	385549	41.458	ug/l	96
69) o-Xylene	13.07	106	196539	21.893	ug/l	92
70) Styrene	13.09	104	320166	20.884	ug/l	98
71) Bromoform	13.25	173	81373	21.515	ug/l #	97
73) Isopropylbenzene	13.42	105	491299	20.627	ug/l	94
74) N-amyl acetate	13.27	43	135813	20.986	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.72	83	108226	21.975	ug/l	98
76) 1,2,3-Trichloropropane	13.75	75	109438	22.503	ug/l	100
77) Bromobenzene	13.69	156	159369	23.051	ug/l	80
78) n-propylbenzene	13.78	91	648061	22.746	ug/l	99
79) 2-Chlorotoluene	13.85	91	371681	22.812	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	408092	21.587	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.49	75	29097	19.716	ug/l	91
82) 4-Chlorotoluene	13.96	91	391848	21.948	ug/l	98
83) tert-Butylbenzene	14.20	119	484372	21.250	ug/l	99
84) 1,2,4-Trimethylbenzene	14.25	105	429055	22.487	ug/l	98
85) sec-Butylbenzene	14.38	105	479312	19.463	ug/l	100
86) p-Isopropyltoluene	14.50	119	440802	20.633	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	272940	22.939	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	271481	22.613	ug/l	98
89) n-Butylbenzene	14.81	91	382160	20.580	ug/l	100
90) Hexachloroethane	15.02	117	122580	21.146	ug/l	94
91) 1,2-Dichlorobenzene	14.82	146	211370	21.555	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12857	21.634	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	129439	25.908	ug/l	99
94) Hexachlorobutadiene	16.05	225	84761	21.972	ug/l	96
95) Naphthalene	16.14	128	209743	26.532	ug/l	99
96) 1,2,3-Trichlorobenzene	16.29	180	81018	32.493	ug/l	96

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

