

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058156.D
 Acq On : 15 Jun 2018 17:06
 Operator : VA/AP
 Sample : VD0615SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0615SBS01

Quant Time: Jun 15 23:17:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	834535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1099246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	884365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	487375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	394418	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	5.55	113	410753	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	958596	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.93	95	419228	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	237274	21.184	ug/l	96
3) Chloromethane	1.47	50	114970	20.842	ug/l	94
4) Vinyl Chloride	1.55	62	116206	21.763	ug/l	100
5) Bromomethane	1.79	94	36360	17.374	ug/l	90
6) Chloroethane	1.88	64	38013	18.044	ug/l #	79
7) Trichlorofluoromethane	2.07	101	141849	19.434	ug/l	98
8) Diethyl Ether	2.34	74	31589	23.297	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.56	101	92711	21.295	ug/l	93
10) Methyl Iodide	2.68	142	108769	19.362	ug/l	90
11) Tert butyl alcohol	3.27	59	27379	122.498	ug/l #	92
12) 1,1-Dichloroethene	2.54	96	73530	21.969	ug/l	96
13) Acrolein	2.47	56	28494	89.019	ug/l	86
14) Allyl chloride	2.92	41	165506	21.436	ug/l	98
15) Acrylonitrile	3.35	53	90842	69.476	ug/l	99
16) Acetone	2.62	43	144133	119.907	ug/l	96
17) Carbon Disulfide	2.75	76	248157	20.466	ug/l	99
18) Methyl Acetate	2.93	43	55274	23.771	ug/l	94
19) Methyl tert-butyl Ether	3.42	73	240770	16.348	ug/l	99
20) Methylene Chloride	3.06	84	88528	26.100	ug/l	93
21) trans-1,2-Dichloroethene	3.38	96	87668	11.760	ug/l	86
22) Diisopropyl ether	4.07	45	638651	20.879	ug/l #	95
23) Vinyl Acetate	4.01	43	1788583	113.171	ug/l	99
24) 1,1-Dichloroethane	3.97	63	358803	21.343	ug/l	98
25) 2-Butanone	4.84	43	309161	113.172	ug/l	94
26) 2,2-Dichloropropane	4.79	77	301172	21.748	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	202318	22.882	ug/l	92
28) Bromochloromethane	5.15	49	157373	21.629	ug/l	88
29) Tetrahydrofuran	5.19	42	166062	115.963	ug/l	98
30) Chloroform	5.32	83	373101	22.052	ug/l	97
31) Cyclohexane	5.59	56	273829	18.875	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	299175	21.119	ug/l	96
36) 1,1-Dichloropropene	5.75	75	262234	21.653	ug/l	96
37) Ethyl Acetate	4.93	43	150792	22.819	ug/l #	94
38) Carbon Tetrachloride	5.72	117	257301	21.557	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	262793	21.889	ug/l	90
40) Benzene	6.01	78	614716	21.728	ug/l	99
41) Methacrylonitrile	5.13	41	74702	24.723	ug/l	98
42) 1,2-Dichloroethane	6.13	62	247591	21.645	ug/l	99
43) Isopropyl Acetate	7.62	43	198470	22.929	ug/l #	99
44) Trichloroethene	6.98	130	180574	21.851	ug/l	94
45) 1,2-Dichloropropane	7.35	63	171340	21.790	ug/l	96
46) Dibromomethane	7.46	93	113567	22.483	ug/l	87
47) Bromodichloromethane	7.74	83	261694	22.127	ug/l	95
48) Methyl methacrylate	7.51	41	115885	21.752	ug/l	96
49) 1,4-Dioxane	7.50	88	22343	506.248	ug/l	89
51) 4-Methyl-2-Pentanone	8.60	43	643775	115.956	ug/l	98
52) Toluene	8.80	92	353380	21.764	ug/l	94
53) t-1,3-Dichloropropene	9.19	75	223435	21.928	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	259832	21.644	ug/l	97
55) 1,1,2-Trichloroethane	9.46	97	124964	23.780	ug/l	98
56) Ethyl methacrylate	9.31	69	142367	22.086	ug/l	97
57) 1,3-Dichloropropane	9.66	76	208909	22.667	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.19	63	374221	114.909	ug/l	100
59) 2-Hexanone	9.78	43	492611	121.076	ug/l	99
60) Dibromochloromethane	9.96	129	167554	22.611	ug/l	99
61) 1,2-Dibromoethane	10.10	107	134256	22.216	ug/l	91
64) Tetrachloroethene	9.51	164	177010	22.389	ug/l	94
65) Chlorobenzene	10.72	112	396060	22.122	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	152295	22.141	ug/l	96
67) Ethyl Benzene	10.86	91	733979	22.692	ug/l	98
68) m/p-Xylenes	11.01	106	486526	46.141	ug/l	95
69) o-Xylene	11.41	106	230700	22.042	ug/l	95
70) Styrene	11.43	104	398279	22.987	ug/l	98
71) Bromoform	11.60	173	111534	21.555	ug/l	98
73) Isopropylbenzene	11.77	105	653825	20.254	ug/l	97
74) N-amyl acetate	11.64	43	250672	20.124	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	149038	21.176	ug/l	99
76) 1,2,3-Trichloropropane	12.12	75	155825	21.284	ug/l	99
77) Bromobenzene	12.04	156	196371	20.551	ug/l	98
78) n-propylbenzene	12.15	91	866703	20.633	ug/l	98
79) 2-Chlorotoluene	12.21	91	506720	21.145	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	556195	22.093	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	40089	22.108	ug/l	100
82) 4-Chlorotoluene	12.32	91	583255	23.329	ug/l	99
83) tert-Butylbenzene	12.58	119	604612	21.269	ug/l	99
84) 1,2,4-Trimethylbenzene	12.63	105	528548	19.526	ug/l	99
85) sec-Butylbenzene	12.76	105	686167	20.001	ug/l	100
86) p-Isopropyltoluene	12.88	119	575939	20.829	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	351056	21.719	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	346066	21.974	ug/l	96
89) n-Butylbenzene	13.20	91	598124	21.509	ug/l	99
90) Hexachloroethane	13.40	117	149521	21.187	ug/l	59
91) 1,2-Dichlorobenzene	13.19	146	294368	22.535	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	23740	21.855	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	274198	22.468	ug/l	97
94) Hexachlorobutadiene	14.44	225	200973	20.937	ug/l	98
95) Naphthalene	14.52	128	363506	23.102	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	239533	23.031	ug/l	96

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

