

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072718\
 Data File : VD059620.D
 Acq On : 27 Jul 2018 19:21
 Operator : VA/AP
 Sample : VD0727SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Quant Time: Jul 28 01:26:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	124567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	161632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	136407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	69448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.99	65	87474	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
35) Dibromofluoromethane	5.51	113	79513	57.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.70%	
50) Toluene-d8	8.68	98	159800	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.92	95	75293	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.30	85	39484	25.919	ug/l	96
3) Chloromethane	1.45	50	16970	21.797	ug/l	90
4) Vinyl Chloride	1.52	62	17542	21.651	ug/l	97
5) Bromomethane	1.75	94	4208	27.072	ug/l #	68
6) Chloroethane	1.84	64	5866	24.749	ug/l	89
7) Trichlorofluoromethane	2.03	101	34594	25.028	ug/l	95
8) Diethyl Ether	2.31	74	5268	21.873	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.50	101	18370	25.223	ug/l	97
10) Methyl Iodide	2.65	142	19306	21.502	ug/l	95
11) Tert butyl alcohol	3.23	59	7779	124.514	ug/l #	80
12) 1,1-Dichloroethene	2.49	96	12181	23.074	ug/l	98
13) Acrolein	2.44	56	3550	110.295	ug/l	99
14) Allyl chloride	2.88	41	28017	21.888	ug/l	98
15) Acrylonitrile	3.32	53	15737	116.145	ug/l	92
16) Acetone	2.58	43	25319	107.058	ug/l	93
17) Carbon Disulfide	2.71	76	42582	20.308	ug/l	99
18) Methyl Acetate	2.90	43	10934	23.120	ug/l	96
19) Methyl tert-butyl Ether	3.36	73	39967	22.587	ug/l #	88
20) Methylene Chloride	3.03	84	15252	22.618	ug/l	98
21) trans-1,2-Dichloroethene	3.34	96	13361	23.471	ug/l	95
22) Diisopropyl ether	4.03	45	73971	21.977	ug/l	96
23) Vinyl Acetate	3.97	43	243905	114.176	ug/l	98
24) 1,1-Dichloroethane	3.92	63	48424	22.789	ug/l	99
25) 2-Butanone	4.80	43	37977	105.301	ug/l	96
26) 2,2-Dichloropropane	4.76	77	47725	21.931	ug/l	98
27) cis-1,2-Dichloroethene	4.76	96	27718	24.377	ug/l	98
28) Bromochloromethane	5.10	49	19727	23.463	ug/l	91
29) Tetrahydrofuran	5.15	42	17997	107.772	ug/l	99
30) Chloroform	5.29	83	60434	23.780	ug/l	98
31) Cyclohexane	5.54	56	30687	19.058	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	54750	22.252	ug/l	99
36) 1,1-Dichloropropene	5.70	75	38331	23.633	ug/l	96
37) Ethyl Acetate	4.90	43	18430	22.090	ug/l #	97
38) Carbon Tetrachloride	5.68	117	50804	22.875	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	31792	21.316	ug/l	95
40) Benzene	5.98	78	73762	22.177	ug/l	96
41) Methacrylonitrile	5.08	41	9492	22.798	ug/l #	85
42) 1,2-Dichloroethane	6.10	62	45452	22.681	ug/l	99
43) Isopropyl Acetate	7.59	43	26302	22.734	ug/l	100
44) Trichloroethene	6.95	130	29376	24.351	ug/l	95
45) 1,2-Dichloropropane	7.32	63	18402	19.757	ug/l	96
46) Dibromomethane	7.43	93	17854	22.678	ug/l	95
47) Bromodichloromethane	7.72	83	44298	23.558	ug/l	99
48) Methyl methacrylate	7.47	41	16600	21.636	ug/l	95
49) 1,4-Dioxane	7.46	88	3364	480.509	ug/l #	84
51) 4-Methyl-2-Pentanone	8.57	43	86039	111.368	ug/l	100
52) Toluene	8.78	92	49965	22.655	ug/l	99
53) t-1,3-Dichloropropene	9.16	75	37574	22.154	ug/l	95
54) cis-1,3-Dichloropropene	8.34	75	38239	22.704	ug/l	91
55) 1,1,2-Trichloroethane	9.43	97	18879	22.785	ug/l	95
56) Ethyl methacrylate	9.29	69	21873	23.267	ug/l	93
57) 1,3-Dichloropropane	9.65	76	31293	23.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.16	63	48301	109.349	ug/l	100
59) 2-Hexanone	9.76	43	63119	102.859	ug/l	99
60) Dibromochloromethane	9.94	129	31902	23.193	ug/l	92
61) 1,2-Dibromoethane	10.07	107	21299	21.692	ug/l	99
64) Tetrachloroethene	9.49	164	25270	20.443	ug/l	97
65) Chlorobenzene	10.71	112	61943	22.152	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.84	131	27539	22.641	ug/l	98
67) Ethyl Benzene	10.85	91	106672	22.192	ug/l	97
68) m/p-Xylenes	10.99	106	72223	44.989	ug/l	100
69) o-Xylene	11.39	106	33980	21.814	ug/l	92
70) Styrene	11.42	104	56437	21.851	ug/l	99
71) Bromoform	11.58	173	21762	21.972	ug/l	97
73) Isopropylbenzene	11.76	105	101791	20.748	ug/l	98
74) N-amyl acetate	11.63	43	32844	19.539	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	21869	21.833	ug/l	95
76) 1,2,3-Trichloropropane	12.10	75	24445	21.285	ug/l	97
77) Bromobenzene	12.03	156	31509	21.939	ug/l	94
78) n-propylbenzene	12.15	91	123698	20.751	ug/l	98
79) 2-Chlorotoluene	12.20	91	78012	21.950	ug/l	100
80) 1,3,5-Trimethylbenzene	12.31	105	83828	21.641	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.83	75	5667	19.300	ug/l #	85
82) 4-Chlorotoluene	12.31	91	92272	22.958	ug/l	87
83) tert-Butylbenzene	12.57	119	94600	21.693	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	88415	21.472	ug/l	97
85) sec-Butylbenzene	12.75	105	109017	21.877	ug/l	98
86) p-Isopropyltoluene	12.87	119	87973	20.947	ug/l	97
87) 1,3-Dichlorobenzene	12.83	146	53157	21.884	ug/l	94
88) 1,4-Dichlorobenzene	12.92	146	51576	22.039	ug/l	97
89) n-Butylbenzene	13.19	91	90317	22.275	ug/l	98
90) Hexachloroethane	13.39	117	23350	20.807	ug/l	88
91) 1,2-Dichlorobenzene	13.19	146	46419	22.776	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	4376	21.670	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	38913	23.056	ug/l	99
94) Hexachlorobutadiene	14.43	225	29903	22.461	ug/l	97
95) Naphthalene	14.51	128	54112	22.544	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	33882	22.185	ug/l	98

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

