

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059441.D
 Acq On : 27 Jun 2018 13:37
 Operator : VA/AP
 Sample : VD0627SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

Manual Integrations
 APPROVED

Quant Time: Jun 28 13:05:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	6/28/2018 1:15:37 PM
1) Pentafluorobenzene	5.65	168	999462	50.00	ug/l	0.00	
34) 1,4-Difluorobenzene	6.69	114	1320252	50.00	ug/l	0.00	
63) Chlorobenzene-d5	10.69	117	1032307	50.00	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.90	152	538767	50.00	ug/l	0.00	

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	423237	41.41	ug/l	-0.01
Spiked Amount						
			Recovery	=	82.82%	
35) Dibromofluoromethane	5.55	113	457627	42.55	ug/l	0.00
Spiked Amount						
			Recovery	=	85.10%	
50) Toluene-d8	8.70	98	1039080	41.33	ug/l	-0.01
Spiked Amount						
			Recovery	=	82.66%	
62) 4-Bromofluorobenzene	11.93	95	446562	42.70	ug/l	0.00
Spiked Amount						
			Recovery	=	85.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	215545	24.24	ug/l	94
3) Chloromethane	1.50	50	101997	22.04	ug/l	# 85
4) Vinyl Chloride	1.56	62	101001	21.04	ug/l	96
5) Bromomethane	1.80	94	35388m	19.57	ug/l	
6) Chloroethane	1.89	64	39460	17.91	ug/l	94
7) Trichlorofluoromethane	2.09	101	151304	21.86	ug/l	99
8) Diethyl Ether	2.35	74	33602	21.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.56	101	102540	23.84	ug/l	95
10) Methyl Iodide	2.70	142	98251	19.55	ug/l	99
11) Tert butyl alcohol	3.29	59	28618m	80.94	ug/l	
12) 1,1-Dichloroethene	2.55	96	77137	23.42	ug/l	93
13) Acrolein	2.48	56	33855	107.10	ug/l	91
14) Allyl chloride	2.92	41	160015	21.23	ug/l	93
15) Acrylonitrile	3.39	53	120320	110.87	ug/l	95
16) Acetone	2.62	43	142958	110.82	ug/l	99
17) Carbon Disulfide	2.76	76	220625	21.87	ug/l	98
18) Methyl Acetate	2.95	43	52666	17.21	ug/l	94
19) Methyl tert-butyl Ether	3.41	73	339432	20.94	ug/l	100
20) Methylene Chloride	3.07	84	95386	25.44	ug/l	91
21) trans-1,2-Dichloroethene	3.39	96	151616	26.04	ug/l	94
22) Diisopropyl ether	4.07	45	610288	21.52	ug/l	100
23) Vinyl Acetate	4.03	43	1621618	109.74	ug/l	100
24) 1,1-Dichloroethane	3.98	63	358199	22.07	ug/l	99
25) 2-Butanone	4.84	43	271671	100.54	ug/l	100
26) 2,2-Dichloropropane	4.80	77	307524	24.43	ug/l	98
27) cis-1,2-Dichloroethene	4.81	96	192505	19.67	ug/l	97
28) Bromochloromethane	5.15	49	143586	20.41	ug/l	97
29) Tetrahydrofuran	5.19	42	143600	97.15	ug/l	97
30) Chloroform	5.32	83	385879	21.82	ug/l	94
31) Cyclohexane	5.60	56	265688	22.68	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	305987	21.36	ug/l	98
36) 1,1-Dichloropropene	5.75	75	260567	21.76	ug/l	96
37) Ethyl Acetate	4.93	43	142803	19.58	ug/l	96
38) Carbon Tetrachloride	5.73	117	259996	21.06	ug/l	90

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39) Methylcyclohexane	7.28	83	250808	22.08	ug/l	97	
40) Benzene	6.01	78	627600	21.84	ug/l	99	
41) Methacrylonitrile	5.13	41	63959	18.21	ug/l #	92	
42) 1,2-Dichloroethane	6.13	62	246234	19.39	ug/l	96	
43) Isopropyl Acetate	7.62	43	171849	18.76	ug/l #	93	
44) Trichloroethene	6.98	130	187338	19.91	ug/l	96	
45) 1,2-Dichloropropane	7.34	63	163151	20.50	ug/l	96	
46) Dibromomethane	7.46	93	114324	19.97	ug/l	91	
47) Bromodichloromethane	7.74	83	263129	20.54	ug/l	97	
48) Methyl methacrylate	7.50	41	100096	17.94	ug/l	99	
49) 1,4-Dioxane	7.48	88	21208	378.95	ug/l #	85	
51) 4-Methyl-2-Pentanone	8.59	43	583257	95.56	ug/l	98	
52) Toluene	8.80	92	344593	20.08	ug/l	95	
53) t-1,3-Dichloropropene	9.18	75	225929	21.11	ug/l	100	
54) cis-1,3-Dichloropropene	8.36	75	260905	21.05	ug/l	99	
55) 1,1,2-Trichloroethane	9.45	97	118289	18.98	ug/l	93	
56) Ethyl methacrylate	9.31	69	140098	19.70	ug/l	98	
57) 1,3-Dichloropropane	9.67	76	213662	20.96	ug/l	98	
58) 2-Chloroethyl Vinyl ether	8.19	63	363500	99.30	ug/l	99	
59) 2-Hexanone	9.78	43	442791	102.07	ug/l	96	
60) Dibromochloromethane	9.95	129	168900	19.35	ug/l	92	
61) 1,2-Dibromoethane	10.09	107	137562	19.82	ug/l	98	
64) Tetrachloroethene	9.51	164	174621	19.28	ug/l	96	
65) Chlorobenzene	10.72	112	398670	21.12	ug/l	98	
66) 1,1,1,2-Tetrachloroethane	10.85	131	160263	22.12	ug/l	94	
67) Ethyl Benzene	10.86	91	769583	24.16	ug/l	99	
68) m/p-Xylenes	11.01	106	469226	44.40	ug/l	97	
69) o-Xylene	11.40	106	235771	22.57	ug/l	95	
70) Styrene	11.43	104	388836	21.71	ug/l	100	
71) Bromoform	11.60	173	117041	19.50	ug/l	100	
73) Isopropylbenzene	11.77	105	686593	22.58	ug/l	96	
74) N-amyl acetate	11.64	43	220241	19.04	ug/l	98	
75) 1,1,2,2-Tetrachloroethane	12.08	83	141731	19.87	ug/l	94	
76) 1,2,3-Trichloropropane	12.11	75	141929	19.10	ug/l	94	
77) Bromobenzene	12.04	156	202262	21.14	ug/l	89	
78) n-propylbenzene	12.15	91	863826	22.43	ug/l	95	
79) 2-Chlorotoluene	12.22	91	500072	22.11	ug/l	94	
80) 1,3,5-Trimethylbenzene	12.31	105	560536	23.16	ug/l	100	
81) trans-1,4-Dichloro-2-buten	11.84	75	33778	20.00	ug/l	96	
82) 4-Chlorotoluene	12.32	91	578841	22.57	ug/l	93	
83) tert-Butylbenzene	12.57	119	607382	23.59	ug/l	93	
84) 1,2,4-Trimethylbenzene	12.62	105	558477	21.80	ug/l	97	
85) sec-Butylbenzene	12.76	105	708955	22.44	ug/l	98	
86) p-Isopropyltoluene	12.88	119	582046	22.86	ug/l	98	
87) 1,3-Dichlorobenzene	12.84	146	352452	22.39	ug/l	97	
88) 1,4-Dichlorobenzene	12.92	146	343564	22.12	ug/l	94	
89) n-Butylbenzene	13.19	91	615043	24.47	ug/l	98	
90) Hexachloroethane	13.40	117	141849	22.33	ug/l	88	
91) 1,2-Dichlorobenzene	13.19	146	303579	22.74	ug/l	98	
92) 1,2-Dibromo-3-Chloropropan	13.77	75	22913	19.48	ug/l	75	

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93) 1,2,4-Trichlorobenzene	14.33	180	287189	23.27	ug/l	92	
94) Hexachlorobutadiene	14.43	225	208370	22.44	ug/l	99	
95) Naphthalene	14.51	128	348987	20.29	ug/l	99	
96) 1,2,3-Trichlorobenzene	14.66	180	233125	21.01	ug/l	98	

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

