

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062147.D
 Acq On : 7 May 2019 23:00
 Operator : FY/SY
 Sample : VD0507SBS01
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

Quant Time: May 08 04:32:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	698908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	970902	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	902751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	473155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	350557	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	6.89	113	456345	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
50) Toluene-d8	10.39	98	1125596	57.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.90%	
62) 4-Bromofluorobenzene	13.54	95	434494	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.55	85	131120	19.616	ug/l	96
3) Chloromethane	1.73	50	91336	18.910	ug/l	98
4) Vinyl Chloride	1.83	62	91443	19.264	ug/l	97
5) Bromomethane	2.12	94	25427	22.861	ug/l	98
6) Chloroethane	2.23	64	39104	19.632	ug/l	98
7) Trichlorofluoromethane	2.50	101	186549	20.214	ug/l	97
8) Diethyl Ether	2.84	74	43416	24.393	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.12	101	146469	20.981	ug/l	94
10) Methyl Iodide	3.27	142	187746	17.794	ug/l	89
11) Tert butyl alcohol	4.04	59	38070	114.829	ug/l	96
12) 1,1-Dichloroethene	3.10	96	115677	21.707	ug/l	98
13) Acrolein	3.01	56	38675	112.785	ug/l	95
14) Allyl chloride	3.59	41	164656	21.250	ug/l	91
15) Acrylonitrile	4.16	53	111010	127.389	ug/l	95
16) Acetone	3.19	43	131088	96.241	ug/l	90
17) Carbon Disulfide	3.35	76	281803	18.382	ug/l	100
18) Methyl Acetate	3.61	43	56662	23.096	ug/l	98
19) Methyl tert-butyl Ether	4.21	73	261701	22.911	ug/l	95
20) Methylene Chloride	3.79	84	179651	31.589	ug/l	98
21) trans-1,2-Dichloroethene	4.18	96	126728	21.371	ug/l	96
22) Diisopropyl ether	5.08	45	362771	22.001	ug/l	98
23) Vinyl Acetate	5.02	43	979185	112.557	ug/l	100
24) 1,1-Dichloroethane	4.95	63	203527	20.461	ug/l	97
25) 2-Butanone	6.03	43	160370	107.942	ug/l	94
26) 2,2-Dichloropropane	5.99	77	175674	17.730	ug/l	99
27) cis-1,2-Dichloroethene	6.01	96	136140	20.510	ug/l	91
28) Bromochloromethane	6.40	49	95959	24.520	ug/l	94
29) Tetrahydrofuran	6.42	42	78927	115.298	ug/l	96
30) Chloroform	6.63	83	261159	21.785	ug/l	97
31) Cyclohexane	6.92	56	139937	20.535	ug/l	97
32) 1,1,1-Trichloroethane	6.84	97	242469	21.399	ug/l	98
36) 1,1-Dichloropropene	7.12	75	152700	19.182	ug/l	96
37) Ethyl Acetate	6.15	43	77994	23.103	ug/l #	92
38) Carbon Tetrachloride	7.08	117	226332	20.542	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	157441	20.642	ug/l	96
40) Benzene	7.43	78	361791	20.127	ug/l	97
41) Methacrylonitrile	6.42	41	94711	22.957	ug/l #	80
42) 1,2-Dichloroethane	7.54	62	157588	20.692	ug/l	93
43) Isopropyl Acetate	9.22	43	109310	22.831	ug/l	99
44) Trichloroethene	8.52	130	145777	21.282	ug/l	99
45) 1,2-Dichloropropane	8.91	63	100856	22.683	ug/l	99
46) Dibromomethane	9.04	93	77908	21.547	ug/l	89
47) Bromodichloromethane	9.35	83	187871	21.243	ug/l	100
48) Methyl methacrylate	9.09	41	65568	22.233	ug/l	94
49) 1,4-Dioxane	9.05	88	15250	479.267	ug/l #	85
51) 4-Methyl-2-Pentanone	10.28	43	363745	118.189	ug/l	95
52) Toluene	10.49	92	268165	22.928	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	153305	20.056	ug/l	100
54) cis-1,3-Dichloropropene	10.01	75	172652	20.705	ug/l	94
55) 1,1,2-Trichloroethane	11.17	97	93348	22.558	ug/l	97
56) Ethyl methacrylate	11.02	69	94443	21.962	ug/l #	91
57) 1,3-Dichloropropane	11.38	76	133633	21.375	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.84	63	261129	111.169	ug/l	93
59) 2-Hexanone	11.51	43	248395	109.505	ug/l	92
60) Dibromochloromethane	11.67	129	160671	22.466	ug/l	99
61) 1,2-Dibromoethane	11.79	107	110852	22.033	ug/l	99
64) Tetrachloroethene	11.23	164	136495	19.336	ug/l	95
65) Chlorobenzene	12.39	112	341376	20.303	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.49	131	142337	19.451	ug/l	98
67) Ethyl Benzene	12.50	91	548467	19.484	ug/l	98
68) m/p-Xylenes	12.65	106	372376	36.360	ug/l	94
69) o-Xylene	13.04	106	191697	20.134	ug/l	96
70) Styrene	13.06	104	322114	19.971	ug/l	99
71) Bromoform	13.22	173	101416	19.920	ug/l	97
73) Isopropylbenzene	13.39	105	519978	18.333	ug/l	96
74) N-amyl acetate	13.25	43	138253	18.592	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	108548	20.216	ug/l	96
76) 1,2,3-Trichloropropane	13.72	75	108723	19.335	ug/l	93
77) Bromobenzene	13.66	156	154087	19.407	ug/l	94
78) n-propylbenzene	13.76	91	661793	19.561	ug/l	98
79) 2-Chlorotoluene	13.83	91	360021	18.580	ug/l	99
80) 1,3,5-Trimethylbenzene	13.92	105	423058	17.713	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.46	75	28754	18.114	ug/l #	86
82) 4-Chlorotoluene	13.93	91	436752	19.154	ug/l	85
83) tert-Butylbenzene	14.18	119	538369	20.055	ug/l	96
84) 1,2,4-Trimethylbenzene	14.23	105	473846	19.771	ug/l	96
85) sec-Butylbenzene	14.35	105	502749	17.081	ug/l	95
86) p-Isopropyltoluene	14.48	119	494721	18.813	ug/l	96
87) 1,3-Dichlorobenzene	14.44	146	275848	19.019	ug/l	99
88) 1,4-Dichlorobenzene	14.52	146	277603	19.479	ug/l	100
89) n-Butylbenzene	14.79	91	441549	18.707	ug/l	94
90) Hexachloroethane	14.99	117	132711	18.558	ug/l	97
91) 1,2-Dichlorobenzene	14.80	146	237943	19.920	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	17526	19.885	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	173402	19.945	ug/l	94
94) Hexachlorobutadiene	16.03	225	123169	19.047	ug/l	98
95) Naphthalene	16.12	128	252088	20.768	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	124229	22.726	ug/l	95

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

