

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058365.D
 Acq On : 24 Jun 2018 12:08
 Operator : VA/AP
 Sample : VD0624SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBS01

Quant Time: Jun 25 04:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	956013	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	1245262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	964129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	495741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	504048	52.20	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	5.56	113	533330	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	8.72	98	1278343	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.94	95	506923	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	236619	24.33	ug/l	96
3) Chloromethane	1.50	50	127300	28.65	ug/l	98
4) Vinyl Chloride	1.56	62	120628	24.09	ug/l	95
5) Bromomethane	1.80	94	42326	22.66	ug/l	100
6) Chloroethane	1.89	64	41503	21.23	ug/l	96
7) Trichlorofluoromethane	2.09	101	160624	23.39	ug/l	94
8) Diethyl Ether	2.36	74	33940	23.37	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.57	101	101186	23.18	ug/l	99
10) Methyl Iodide	2.70	142	113756	22.91	ug/l #	93
11) Tert butyl alcohol	3.27	59	31309	98.31	ug/l	97
12) 1,1-Dichloroethene	2.56	96	80741	24.58	ug/l	98
13) Acrolein	2.49	56	17530	96.42	ug/l	94
14) Allyl chloride	2.93	41	180064	23.55	ug/l	97
15) Acrylonitrile	3.37	53	151073	178.89	ug/l	95
16) Acetone	2.62	43	149587	113.27	ug/l #	88
17) Carbon Disulfide	2.76	76	249942	22.37	ug/l	99
18) Methyl Acetate	2.95	43	56264	19.98	ug/l #	91
19) Methyl tert-butyl Ether	3.41	73	360986	41.44	ug/l	99
20) Methylene Chloride	3.08	84	87158	22.68	ug/l	97
21) trans-1,2-Dichloroethene	3.39	96	179627	50.04	ug/l	87
22) Diisopropyl ether	4.08	45	655188	21.58	ug/l	96
23) Vinyl Acetate	4.03	43	1712710	105.23	ug/l	99
24) 1,1-Dichloroethane	3.98	63	372103	22.75	ug/l	96
25) 2-Butanone	4.85	43	295610	102.70	ug/l	99
26) 2,2-Dichloropropane	4.81	77	320470	23.40	ug/l	95
27) cis-1,2-Dichloroethene	4.81	96	225070	25.09	ug/l	89
28) Bromochloromethane	5.15	49	162886	22.21	ug/l #	94
29) Tetrahydrofuran	5.19	42	149515	97.59	ug/l	95
30) Chloroform	5.33	83	405811	23.50	ug/l	93
31) Cyclohexane	5.61	56	296252	22.02	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	332152	23.28	ug/l	100
36) 1,1-Dichloropropene	5.75	75	285609	23.18	ug/l	95
37) Ethyl Acetate	4.94	43	143418	20.43	ug/l #	95
38) Carbon Tetrachloride	5.74	117	277602	22.68	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	275010	22.92	ug/l	95
40) Benzene	6.02	78	638855	21.77	ug/l	98
41) Methacrylonitrile	5.14	41	71940	21.23	ug/l	98
42) 1,2-Dichloroethane	6.14	62	267634	22.62	ug/l	99
43) Isopropyl Acetate	7.63	43	186011	19.88	ug/l	97
44) Trichloroethene	7.00	130	229770	26.08	ug/l	91
45) 1,2-Dichloropropane	7.36	63	174820	22.12	ug/l	93
46) Dibromomethane	7.47	93	120437	22.32	ug/l	92
47) Bromodichloromethane	7.75	83	271653	22.08	ug/l	99
48) Methyl methacrylate	7.52	41	115205	20.26	ug/l	97
49) 1,4-Dioxane	7.50	88	23458	456.94	ug/l #	87
51) 4-Methyl-2-Pentanone	8.61	43	642894	105.33	ug/l	99
52) Toluene	8.82	92	374052	22.39	ug/l	97
53) t-1,3-Dichloropropene	9.20	75	236829	22.14	ug/l	97
54) cis-1,3-Dichloropropene	8.37	75	279538	22.29	ug/l	97
55) 1,1,2-Trichloroethane	9.47	97	131023	22.16	ug/l	96
56) Ethyl methacrylate	9.33	69	147296	20.83	ug/l	95
57) 1,3-Dichloropropane	9.67	76	212290	21.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.20	63	380731	108.78	ug/l	98
59) 2-Hexanone	9.79	43	476787	108.11	ug/l	98
60) Dibromochloromethane	9.97	129	172757	21.53	ug/l	97
61) 1,2-Dibromoethane	10.11	107	143932	22.24	ug/l	98
64) Tetrachloroethene	9.53	164	199128	24.55	ug/l	98
65) Chlorobenzene	10.74	112	446915	24.78	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.85	131	168102	24.15	ug/l	99
67) Ethyl Benzene	10.86	91	781749	24.55	ug/l	99
68) m/p-Xylenes	11.01	106	522105	49.17	ug/l	97
69) o-Xylene	11.42	106	252050	24.85	ug/l	98
70) Styrene	11.44	104	415885	24.03	ug/l	97
71) Bromoform	11.60	173	123795	22.30	ug/l #	95
73) Isopropylbenzene	11.78	105	741483	25.01	ug/l	98
74) N-amyl acetate	11.65	43	248957	21.71	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	143885	20.85	ug/l	98
76) 1,2,3-Trichloropropane	12.11	75	154264	21.31	ug/l	100
77) Bromobenzene	12.05	156	216557	24.39	ug/l	88
78) n-propylbenzene	12.15	91	937860	24.49	ug/l	96
79) 2-Chlorotoluene	12.22	91	529444	24.16	ug/l	93
80) 1,3,5-Trimethylbenzene	12.32	105	579015	25.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.85	75	37391	21.18	ug/l	86
82) 4-Chlorotoluene	12.33	91	624184	26.69	ug/l	91
83) tert-Butylbenzene	12.58	119	638727	24.02	ug/l	94
84) 1,2,4-Trimethylbenzene	12.63	105	607068	24.15	ug/l	99
85) sec-Butylbenzene	12.76	105	764687	24.53	ug/l	98
86) p-Isopropyltoluene	12.89	119	641676	25.41	ug/l	95
87) 1,3-Dichlorobenzene	12.84	146	362718	23.50	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	359317	23.84	ug/l	95
89) n-Butylbenzene	13.20	91	635349	23.93	ug/l	97
90) Hexachloroethane	13.40	117	152362	23.24	ug/l	80
91) 1,2-Dichlorobenzene	13.20	146	305773	23.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.78	75	22156	20.17	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	285760	22.75	ug/l	96
94) Hexachlorobutadiene	14.44	225	221942	22.59	ug/l	95
95) Naphthalene	14.52	128	361621	21.86	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	243286	22.12	ug/l	97

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

