

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057968.D
 Acq On : 7 Jun 2018 13:33
 Operator : JC/SY
 Sample : VD0607SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Quant Time: Jun 08 06:46:17 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	1034820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1375259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1098260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	536930	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	469869	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	
35) Dibromofluoromethane	5.55	113	508578	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	8.70	98	1166536	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.93	95	493926	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.36	85	308809	22.235	ug/l	95
3) Chloromethane	1.49	50	150507	22.003	ug/l	96
4) Vinyl Chloride	1.56	62	145030	21.904	ug/l	96
5) Bromomethane	1.81	94	50189	19.341	ug/l	97
6) Chloroethane	1.89	64	46310	17.728	ug/l #	87
7) Trichlorofluoromethane	2.09	101	186587	20.616	ug/l	97
8) Diethyl Ether	2.35	74	36936	21.968	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.57	101	115755	21.442	ug/l	97
10) Methyl Iodide	2.70	142	148415	21.306	ug/l	93
11) Tert butyl alcohol	3.27	59	26542	95.769	ug/l	100
12) 1,1-Dichloroethene	2.56	96	86601	20.866	ug/l	86
13) Acrolein	2.48	56	44850	112.998	ug/l	87
14) Allyl chloride	2.93	41	200083	20.899	ug/l	98
15) Acrylonitrile	3.37	53	171480	105.764	ug/l	91
16) Acetone	2.63	43	150560	101.011	ug/l	100
17) Carbon Disulfide	2.76	76	320837	21.339	ug/l	96
18) Methyl Acetate	2.94	43	57733	20.023	ug/l	94
19) Methyl tert-butyl Ether	3.41	73	366065	20.045	ug/l	99
20) Methylene Chloride	3.08	84	98886	22.932	ug/l	97
21) trans-1,2-Dichloroethene	3.39	96	192194	20.791	ug/l	97
22) Diisopropyl ether	4.07	45	759192	20.016	ug/l	96
23) Vinyl Acetate	4.02	43	1967391	100.391	ug/l	100
24) 1,1-Dichloroethane	3.97	63	429386	20.598	ug/l	99
25) 2-Butanone	4.84	43	326086	96.264	ug/l	97
26) 2,2-Dichloropropane	4.80	77	356106	20.738	ug/l	97
27) cis-1,2-Dichloroethene	4.81	96	227167	20.720	ug/l	93
28) Bromochloromethane	5.15	49	194776	21.588	ug/l	97
29) Tetrahydrofuran	5.19	42	181549	102.241	ug/l	97
30) Chloroform	5.32	83	434817	20.726	ug/l	99
31) Cyclohexane	5.59	56	357267	19.860	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	361486	20.579	ug/l	96
36) 1,1-Dichloropropene	5.75	75	322001	21.252	ug/l	99
37) Ethyl Acetate	4.92	43	171042	20.688	ug/l	98
38) Carbon Tetrachloride	5.73	117	313812	21.015	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.28	83	317089	21.111	ug/l	99
40) Benzene	6.01	78	698319	19.729	ug/l	100
41) Methacrylonitrile	5.13	41	81245	21.492	ug/l #	94
42) 1,2-Dichloroethane	6.12	62	295213	20.628	ug/l	99
43) Isopropyl Acetate	7.62	43	208514	19.255	ug/l #	90
44) Trichloroethene	6.98	130	221671	21.441	ug/l	96
45) 1,2-Dichloropropane	7.34	63	189934	19.307	ug/l	97
46) Dibromomethane	7.46	93	128801	20.381	ug/l	99
47) Bromodichloromethane	7.73	83	295092	19.943	ug/l	96
48) Methyl methacrylate	7.50	41	132427	19.868	ug/l	94
49) 1,4-Dioxane	7.48	88	19082	345.586	ug/l	94
51) 4-Methyl-2-Pentanone	8.59	43	711250	102.398	ug/l	97
52) Toluene	8.80	92	413133	20.338	ug/l	92
53) t-1,3-Dichloropropene	9.18	75	264398	20.740	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	313081	20.846	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	129612	19.715	ug/l	95
56) Ethyl methacrylate	9.31	69	164344	20.379	ug/l	95
57) 1,3-Dichloropropane	9.66	76	229590	19.911	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.19	63	419890	103.055	ug/l	99
59) 2-Hexanone	9.78	43	532801	104.671	ug/l	99
60) Dibromochloromethane	9.95	129	195494	21.087	ug/l	96
61) 1,2-Dibromoethane	10.09	107	150160	19.861	ug/l	94
64) Tetrachloroethene	9.51	164	207342	21.118	ug/l	96
65) Chlorobenzene	10.72	112	457622	20.583	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	175016	20.489	ug/l	97
67) Ethyl Benzene	10.86	91	830847	20.684	ug/l	98
68) m/p-Xylenes	11.00	106	560061	42.770	ug/l	100
69) o-Xylene	11.40	106	272924	20.998	ug/l	90
70) Styrene	11.43	104	456952	21.237	ug/l	98
71) Bromoform	11.59	173	133184	20.726	ug/l	98
73) Isopropylbenzene	11.77	105	787941	22.156	ug/l	99
74) N-amyl acetate	11.64	43	283391	20.651	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	156602	20.197	ug/l	95
76) 1,2,3-Trichloropropane	12.11	75	176513	21.885	ug/l	96
77) Bromobenzene	12.04	156	225094	21.383	ug/l	87
78) n-propylbenzene	12.15	91	1024540	22.139	ug/l	96
79) 2-Chlorotoluene	12.21	91	580802	22.000	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	594386	21.431	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	44304	22.178	ug/l	97
82) 4-Chlorotoluene	12.32	91	617572	22.290	ug/l	95
83) tert-Butylbenzene	12.57	119	684336	21.852	ug/l	91
84) 1,2,4-Trimethylbenzene	12.62	105	664968	22.299	ug/l	97
85) sec-Butylbenzene	12.76	105	816292	21.598	ug/l	97
86) p-Isopropyltoluene	12.88	119	651127	21.375	ug/l	97
87) 1,3-Dichlorobenzene	12.83	146	385899	21.671	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	375855	21.663	ug/l	98
89) n-Butylbenzene	13.19	91	689023	22.711	ug/l	98
90) Hexachloroethane	13.40	117	169464	21.796	ug/l	74
91) 1,2-Dichlorobenzene	13.19	146	314393	21.847	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	24011	20.065	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	293129	21.803	ug/l	98
94) Hexachlorobutadiene	14.43	225	224059	21.187	ug/l	98
95) Naphthalene	14.51	128	364093	21.004	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	243882	21.285	ug/l	96

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

