

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057990.D
 Acq On : 8 Jun 2018 1:44
 Operator : JC/SY
 Sample : VD0607SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS02

Quant Time: Jun 08 02:15:41 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	5.63	168	917460	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.69	114	1232360	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	944527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	508181	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	446707	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
35) Dibromofluoromethane	5.54	113	473595	49.67	ug/l	-0.02
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	8.69	98	1058792	46.71	ug/l	-0.02
Spiked Amount			Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.92	95	449858	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	272496	22.130	ug/l	100
3) Chloromethane	1.49	50	139454	22.995	ug/l	96
4) Vinyl Chloride	1.57	62	124323	21.179	ug/l	95
5) Bromomethane	1.80	94	44451	19.321	ug/l	99
6) Chloroethane	1.89	64	44474	19.203	ug/l	89
7) Trichlorofluoromethane	2.09	101	159262	19.848	ug/l	92
8) Diethyl Ether	2.35	74	34407	23.082	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.56	101	106658	22.284	ug/l	98
10) Methyl Iodide	2.70	142	125567	20.332	ug/l #	93
11) Tert butyl alcohol	3.27	59	24540	99.872	ug/l	98
12) 1,1-Dichloroethene	2.55	96	79836	21.697	ug/l	90
13) Acrolein	2.47	56	37334	106.094	ug/l	95
14) Allyl chloride	2.92	41	171421	20.195	ug/l	94
15) Acrylonitrile	3.37	53	163047	113.427	ug/l	95
16) Acetone	2.62	43	126548	95.762	ug/l	93
17) Carbon Disulfide	2.76	76	280777	21.064	ug/l	96
18) Methyl Acetate	2.94	43	53210	20.815	ug/l	96
19) Methyl tert-butyl Ether	3.41	73	380361	23.492	ug/l	100
20) Methylene Chloride	3.07	84	98761	26.564	ug/l	96
21) trans-1,2-Dichloroethene	3.39	96	177547	21.663	ug/l	99
22) Diisopropyl ether	4.07	45	785776	23.367	ug/l	95
23) Vinyl Acetate	4.02	43	1996526	114.910	ug/l	99
24) 1,1-Dichloroethane	3.97	63	420627	22.759	ug/l	98
25) 2-Butanone	4.83	43	324721	108.124	ug/l	94
26) 2,2-Dichloropropane	4.79	77	304678	20.013	ug/l	99
27) cis-1,2-Dichloroethene	4.80	96	216340	22.257	ug/l	96
28) Bromochloromethane	5.14	49	181463	22.686	ug/l	98
29) Tetrahydrofuran	5.18	42	180679	114.767	ug/l	99
30) Chloroform	5.32	83	422475	22.714	ug/l	100
31) Cyclohexane	5.58	56	326440	20.468	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	335247	21.526	ug/l	98
36) 1,1-Dichloropropene	5.74	75	297781	21.932	ug/l	98
37) Ethyl Acetate	4.92	43	176214	23.785	ug/l	97
38) Carbon Tetrachloride	5.72	117	287990	21.522	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	302193	22.452	ug/l	98
40) Benzene	6.01	78	700211	22.076	ug/l	98
41) Methacrylonitrile	5.12	41	86883	25.649	ug/l	98
42) 1,2-Dichloroethane	6.12	62	300456	23.429	ug/l	98
43) Isopropyl Acetate	7.61	43	223379	23.019	ug/l #	97
44) Trichloroethene	6.97	130	209148	22.575	ug/l	98
45) 1,2-Dichloropropane	7.34	63	204494	23.197	ug/l	100
46) Dibromomethane	7.45	93	131316	23.189	ug/l	96
47) Bromodichloromethane	7.73	83	304441	22.961	ug/l	97
48) Methyl methacrylate	7.50	41	134339	22.492	ug/l	97
49) 1,4-Dioxane	7.47	88	22973	464.298	ug/l	97
51) 4-Methyl-2-Pentanone	8.59	43	742970	119.368	ug/l	100
52) Toluene	8.79	92	404175	22.204	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	261242	22.869	ug/l	98
54) cis-1,3-Dichloropropene	8.35	75	298496	22.179	ug/l	100
55) 1,1,2-Trichloroethane	9.44	97	138140	23.448	ug/l	98
56) Ethyl methacrylate	9.30	69	159830	22.117	ug/l	96
57) 1,3-Dichloropropane	9.66	76	244973	23.709	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.18	63	421715	115.505	ug/l	99
59) 2-Hexanone	9.78	43	522906	114.639	ug/l	100
60) Dibromochloromethane	9.94	129	185571	22.338	ug/l	96
61) 1,2-Dibromoethane	10.08	107	147539	21.777	ug/l	92
64) Tetrachloroethene	9.50	164	205580	24.346	ug/l	95
65) Chlorobenzene	10.71	112	445028	23.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	179883	24.486	ug/l	97
67) Ethyl Benzene	10.85	91	843125	24.407	ug/l	96
68) m/p-Xylenes	11.01	106	557438	49.499	ug/l	93
69) o-Xylene	11.39	106	264853	23.693	ug/l	94
70) Styrene	11.42	104	449193	24.274	ug/l	97
71) Bromoform	11.59	173	126692	22.924	ug/l #	96
73) Isopropylbenzene	11.77	105	759207	22.555	ug/l	99
74) N-amyl acetate	11.64	43	296119	22.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	164263	22.383	ug/l	97
76) 1,2,3-Trichloropropane	12.10	75	179310	23.489	ug/l	97
77) Bromobenzene	12.03	156	224525	22.535	ug/l	97
78) n-propylbenzene	12.15	91	992324	22.656	ug/l	99
79) 2-Chlorotoluene	12.21	91	582612	23.317	ug/l	98
80) 1,3,5-Trimethylbenzene	12.31	105	599972	22.856	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.83	75	41477	21.937	ug/l	96
82) 4-Chlorotoluene	12.32	91	628013	24.202	ug/l	99
83) tert-Butylbenzene	12.57	119	652898	22.028	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	645088	22.856	ug/l	98
85) sec-Butylbenzene	12.75	105	779295	21.786	ug/l	100
86) p-Isopropyltoluene	12.88	119	630030	21.853	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	388875	23.074	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	360001	21.923	ug/l	93
89) n-Butylbenzene	13.19	91	657628	22.943	ug/l	98
90) Hexachloroethane	13.39	117	164471	22.351	ug/l	61
91) 1,2-Dichlorobenzene	13.18	146	317990	23.347	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.76	75	25119	22.178	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	287672	22.607	ug/l	97
94) Hexachlorobutadiene	14.43	225	214828	21.464	ug/l	99
95) Naphthalene	14.51	128	363191	22.137	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	240970	22.221	ug/l	98

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

