

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112618\
 Data File : VD060454.D
 Acq On : 26 Nov 2018 14:28
 Operator : VA/AP
 Sample : J5918-03MS
 Misc : 4.98g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)

Quant Time: Nov 26 16:09:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	3749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	6958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.31	117	5293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	2429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	2105	78.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	156.84%	
35) Dibromofluoromethane	6.34	113	2027	39.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.14%	
50) Toluene-d8	9.48	98	6429	42.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.68%	
62) 4-Bromofluorobenzene	12.44	95	3091	56.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.60	85	828	25.954	ug/l #	41
3) Chloromethane	1.77	50	1758	49.505	ug/l #	42
4) Vinyl Chloride	1.85	62	1173	40.446	ug/l #	44
5) Bromomethane	2.16	94	410	59.588	ug/l #	2
6) Chloroethane	2.26	64	619	64.327	ug/l #	41
7) Trichlorofluoromethane	2.52	101	2467	72.151	ug/l	91
8) Diethyl Ether	2.83	74	782	126.322	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.11	101	1812	80.573	ug/l #	66
10) Methyl Iodide	3.28	142	1275	43.652	ug/l #	35
12) 1,1-Dichloroethene	3.08	96	2679	146.451	ug/l #	59
13) Acrolein	2.98	56	820	629.571	ug/l	92
14) Allvl chloride	3.55	41	2293	65.512	ug/l #	77
15) Acrylonitrile	4.07	53	4284	666.464	ug/l	89
16) Acetone	3.15	43	9864	2118.428	ug/l	96
17) Carbon Disulfide	3.33	76	6122	103.684	ug/l #	76
18) Methyl Acetate	3.53	43	2810	283.030	ug/l #	63
19) Methyl tert-butyl Ether	4.09	73	3926	71.675	ug/l #	89
20) Methylene Chloride	3.73	84	2529	61.228	ug/l	96
21) trans-1,2-Dichloroethene	4.11	96	1605	39.516	ug/l	83
22) Diisopropyl ether	4.85	45	10078	77.069	ug/l #	93
23) Vinyl Acetate	4.80	43	14016	215.409	ug/l #	79
24) 1,1-Dichloroethane	4.76	63	3458	51.569	ug/l #	85
25) 2-Butanone	5.61	43	7094	732.975	ug/l	96
26) 2,2-Dichloropropane	5.59	77	1193	22.884	ug/l #	50
27) cis-1,2-Dichloroethene	5.61	96	2405	56.838	ug/l	84
28) Bromochloromethane	5.93	49	1945	65.738	ug/l #	74
29) Tetrahydrofuran	5.94	42	5074	994.374	ug/l #	75
30) Chloroform	6.11	83	4399	65.621	ug/l	90
31) Cyclohexane	6.40	56	2730	42.595	ug/l #	68
32) 1,1,1-Trichloroethane	6.31	97	1843	32.638	ug/l #	63
36) 1,1-Dichloropropene	6.54	75	2420	35.204	ug/l #	64
37) Ethyl Acetate	5.69	43	2442	77.200	ug/l #	69
38) Carbon Tetrachloride	6.50	117	1342	21.045	ug/l #	64
39) Methylcyclohexane	8.06	83	2224	28.129	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.81	78	8937	50.931	ug/l	94
41) Methacrylonitrile	5.93	41	5128	141.639	ug/l #	77
42) 1,2-Dichloroethane	6.91	62	3077	66.995	ug/l	71
43) Isopropyl Acetate	8.36	43	2697	67.876	ug/l #	90
44) Trichloroethene	7.75	130	2585	48.598	ug/l	79
45) 1,2-Dichloropropane	8.12	63	2055	46.436	ug/l #	37
46) Dibromomethane	8.25	93	1957	75.504	ug/l #	74
47) Bromodichloromethane	8.51	83	2126	34.808	ug/l #	95
48) Methyl methacrylate	8.26	41	1524	63.144	ug/l #	82
51) 4-Methyl-2-Pentanone	9.36	43	14070	544.054	ug/l	97
52) Toluene	9.57	92	4945	44.117	ug/l	84
53) t-1,3-Dichloropropene	9.94	75	1117	21.645	ug/l #	43
54) cis-1,3-Dichloropropene	9.11	75	1555	23.493	ug/l #	87
55) 1,1,2-Trichloroethane	10.20	97	2107	64.856	ug/l #	72
56) Ethyl methacrylate	10.05	69	1040	34.817	ug/l #	78
57) 1,3-Dichloropropane	10.40	76	3371	68.096	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.94	63	2064	114.278	ug/l #	48
59) 2-Hexanone	10.50	43	8035	435.917	ug/l	87
60) Dibromochloromethane	10.66	129	2115	53.556	ug/l	69
61) 1,2-Dibromoethane	10.77	107	1562	47.987	ug/l #	76
64) Tetrachloroethene	10.27	164	2817	59.616	ug/l #	88
65) Chlorobenzene	11.33	112	6025	52.535	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.43	131	1338	35.657	ug/l	83
67) Ethyl Benzene	11.44	91	8402	42.827	ug/l	97
68) m/p-Xylenes	11.58	106	6641	91.766	ug/l	89
69) o-Xylene	11.95	106	3104	44.397	ug/l	73
70) Styrene	11.98	104	3850	34.074	ug/l	92
71) Bromoform	12.13	173	732	29.031	ug/l #	76
73) Isopropylbenzene	12.29	105	8088	45.703	ug/l	96
74) N-amyl acetate	12.14	43	2177	47.982	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.58	83	2352	81.265	ug/l #	83
76) 1,2,3-Trichloropropane	12.61	75	1818	62.568	ug/l	80
77) Bromobenzene	12.56	156	2663	56.650	ug/l	92
78) n-propylbenzene	12.65	91	9391	42.514	ug/l	91
79) 2-Chlorotoluene	12.72	91	6670	55.133	ug/l	86
80) 1,3,5-Trimethylbenzene	12.81	105	5203	37.831	ug/l	98
82) 4-Chlorotoluene	12.82	91	6424	47.270	ug/l	89
83) tert-Butylbenzene	13.06	119	5818	38.103	ug/l	81
84) 1,2,4-Trimethylbenzene	13.11	105	5632	41.003	ug/l	94
85) sec-Butylbenzene	13.23	105	7056	37.665	ug/l	96
86) p-Isopropyltoluene	13.35	119	5332	35.344	ug/l #	87
87) 1,3-Dichlorobenzene	13.32	146	4344	51.941	ug/l	93
88) 1,4-Dichlorobenzene	13.40	146	4001	48.984	ug/l	90
89) n-Butylbenzene	13.66	91	4990	31.730	ug/l	90
90) Hexachloroethane	13.86	117	681	19.037	ug/l #	9
91) 1,2-Dichlorobenzene	13.67	146	2764	40.236	ug/l	82

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

