

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112618\
 Data File : VD060455.D
 Acq On : 26 Nov 2018 14:57
 Operator : VA/AP
 Sample : J5918-04MSD
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 26 16:03:38 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	6.44	168	1188135	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.47	114	1657794	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.30	117	1319177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	668669	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.81	65	449270	52.81	ug/l	0.01
Spiked Amount			Recovery	=	105.62%	
35) Dibromofluoromethane	6.35	113	677295	54.79	ug/l	0.01
Spiked Amount			Recovery	=	109.58%	
50) Toluene-d8	9.49	98	1893172	52.33	ug/l	0.02
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.44	95	698321	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	444491	47.462	ug/l	97
3) Chloromethane	1.77	50	458508	40.740	ug/l	99
4) Vinyl Chloride	1.86	62	411442	44.765	ug/l	99
5) Bromomethane	2.17	94	116264	53.318	ug/l	96
6) Chloroethane	2.28	64	150898	49.480	ug/l	97
7) Trichlorofluoromethane	2.53	101	546068	50.393	ug/l	98
8) Diethyl Ether	2.85	74	103387	52.697	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.11	101	358102	50.245	ug/l	97
10) Methyl Iodide	3.27	142	416259	44.968	ug/l	98
11) Tert butyl alcohol	4.00	59	93784	268.462	ug/l	95
12) 1,1-Dichloroethene	3.10	96	286309	49.386	ug/l	94
13) Acrolein	3.00	56	70075	169.763	ug/l	98
14) Allyl chloride	3.57	41	548870	49.481	ug/l	98
15) Acrylonitrile	4.12	53	532829	261.556	ug/l	98
16) Acetone	3.18	43	354931	240.522	ug/l	98
17) Carbon Disulfide	3.34	76	815505	43.581	ug/l	99
18) Methyl Acetate	3.59	43	180421	57.341	ug/l	98
19) Methyl tert-butyl Ether	4.16	73	879786	50.681	ug/l	100
20) Methylene Chloride	3.75	84	676944	51.713	ug/l	95
21) trans-1,2-Dichloroethene	4.14	96	640515	49.760	ug/l	96
22) Diisopropyl ether	4.88	45	2170369	52.371	ug/l	97
23) Vinyl Acetate	4.83	43	5048828	244.839	ug/l	99
24) 1,1-Dichloroethane	4.79	63	1099777	51.750	ug/l	100
25) 2-Butanone	5.65	43	729181	237.729	ug/l	99
26) 2,2-Dichloropropane	5.62	77	844514	51.114	ug/l	96
27) cis-1,2-Dichloroethene	5.62	96	690483	51.490	ug/l	93
28) Bromochloromethane	5.96	49	513883	54.804	ug/l	94
29) Tetrahydrofuran	5.99	42	397317	245.689	ug/l	99
30) Chloroform	6.13	83	1108160	52.160	ug/l	98
31) Cyclohexane	6.40	56	888685	43.752	ug/l	98
32) 1,1,1-Trichloroethane	6.32	97	909986	50.849	ug/l	99
36) 1,1-Dichloropropene	6.56	75	812611	49.615	ug/l	98
37) Ethyl Acetate	5.73	43	382563	50.761	ug/l	99
38) Carbon Tetrachloride	6.53	117	753628	49.604	ug/l	99

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39) Methylcyclohexane	8.07	83	844504	44.831	ug/l	98
40) Benzene	6.82	78	2113295	50.548	ug/l	99
41) Methacrylonitrile	5.98	41	426606	49.456	ug/l	96
42) 1,2-Dichloroethane	6.92	62	537275	49.098	ug/l	97
43) Isopropyl Acetate	8.38	43	482458	50.962	ug/l #	99
44) Trichloroethene	7.77	130	642902	50.729	ug/l	99
45) 1,2-Dichloropropane	8.13	63	548107	51.983	ug/l	97
46) Dibromomethane	8.25	93	320154	51.844	ug/l	98
47) Bromodichloromethane	8.53	83	767018	52.708	ug/l	98
48) Methyl methacrylate	8.28	41	289177	50.288	ug/l	97
49) 1,4-Dioxane	8.26	88	53052	1066.276	ug/l	95
51) 4-Methyl-2-Pentanone	9.37	43	1500933	243.592	ug/l	98
52) Toluene	9.58	92	1335904	50.023	ug/l	100
53) t-1,3-Dichloropropene	9.95	75	629936	51.233	ug/l	97
54) cis-1,3-Dichloropropene	9.14	75	823584	52.224	ug/l	98
55) 1,1,2-Trichloroethane	10.21	97	390358	50.432	ug/l	99
56) Ethyl methacrylate	10.06	69	373317	52.455	ug/l	99
57) 1,3-Dichloropropane	10.40	76	591761	50.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.95	63	1128451	262.235	ug/l	98
59) 2-Hexanone	10.51	43	1082921	246.586	ug/l	100
60) Dibromochloromethane	10.66	129	506650	53.847	ug/l	97
61) 1,2-Dibromoethane	10.79	107	404518	52.159	ug/l	98
64) Tetrachloroethene	10.28	164	579701	49.224	ug/l	98
65) Chlorobenzene	11.34	112	1464780	51.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.44	131	485689	51.934	ug/l	99
67) Ethyl Benzene	11.45	91	2472310	50.563	ug/l	99
68) m/p-Xylenes	11.59	106	1833676	101.664	ug/l	98
69) o-Xylene	11.95	106	882607	50.652	ug/l	98
70) Styrene	11.98	104	1436979	51.028	ug/l	99
71) Bromoform	12.14	173	334558	53.237	ug/l	98
73) Isopropylbenzene	12.29	105	2384848	48.953	ug/l	100
74) N-amyl acetate	12.15	43	626901	50.192	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	409838	51.439	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	402350	50.301	ug/l	100
77) Bromobenzene	12.56	156	645961	49.917	ug/l	96
78) n-propylbenzene	12.66	91	2916192	47.957	ug/l	99
79) 2-Chlorotoluene	12.73	91	1637171	49.158	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	1898924	50.155	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.36	75	117283	51.502	ug/l	98
82) 4-Chlorotoluene	12.83	91	1873389	50.075	ug/l	97
83) tert-Butylbenzene	13.06	119	2072494	49.305	ug/l	93
84) 1,2,4-Trimethylbenzene	13.11	105	1898128	50.199	ug/l	99
85) sec-Butylbenzene	13.24	105	2450672	47.521	ug/l	98
86) p-Isopropyltoluene	13.36	119	1957882	47.144	ug/l	96
87) 1,3-Dichlorobenzene	13.33	146	1134008	49.255	ug/l	98
88) 1,4-Dichlorobenzene	13.41	146	1146751	51.000	ug/l	96
89) n-Butylbenzene	13.66	91	1963174	48.270	ug/l	97
90) Hexachloroethane	13.88	117	501186	50.894	ug/l	83
91) 1,2-Dichlorobenzene	13.68	146	961385	50.838	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49522	51.491	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	729936	48.683	µg/l	98
94) Hexachlorobutadiene	14.89	225	396758	35.378	µg/l	98
95) Naphthalene	14.98	128	917696	50.125	µg/l	99
96) 1,2,3-Trichlorobenzene	15.13	180	580691	48.331	µg/l	97

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

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