

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060437.D
 Acq On : 21 Nov 2018 12:44
 Operator : JC/SY
 Sample : VD1121SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1121SBS01

Quant Time: Nov 21 14:11:52 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	6.40	168	1334009	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	1818309	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	1445578	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	741240	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	466172	48.80	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	6.33	113	713439	52.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	9.46	98	1998397	50.36	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.43	95	713486	49.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	255533	21.84	ug/l	98
3) Chloromethane	1.76	50	250603	19.83	ug/l	96
4) Vinyl Chloride	1.86	62	205074	19.87	ug/l	100
5) Bromomethane	2.15	94	39548	16.15	ug/l	88
6) Chloroethane	2.26	64	60179	17.58	ug/l	96
7) Trichlorofluoromethane	2.52	101	240294	19.75	ug/l	100
8) Diethyl Ether	2.83	74	42854	19.45	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.10	101	163785	20.47	ug/l	96
10) Methyl Iodide	3.26	142	178791	17.20	ug/l	99
11) Tert butyl alcohol	3.97	59	35381	90.21	ug/l	99
12) 1,1-Dichloroethene	3.08	96	132769	20.40	ug/l	99
13) Acrolein	2.99	56	32357	69.82	ug/l	98
14) Allyl chloride	3.54	41	254976	20.47	ug/l	97
15) Acrylonitrile	4.09	53	233349	102.02	ug/l	99
16) Acetone	3.17	43	165359	99.80	ug/l	99
17) Carbon Disulfide	3.31	76	396721	18.88	ug/l	99
18) Methyl Acetate	3.56	43	74758	21.16	ug/l	94
19) Methyl tert-butyl Ether	4.13	73	386112	19.81	ug/l	99
20) Methylene Chloride	3.73	84	343747	23.39	ug/l	96
21) trans-1,2-Dichloroethene	4.10	96	292198	20.22	ug/l	97
22) Diisopropyl ether	4.86	45	937899	20.16	ug/l	98
23) Vinyl Acetate	4.81	43	2338775	101.01	ug/l	99
24) 1,1-Dichloroethane	4.76	63	491416	20.60	ug/l	100
25) 2-Butanone	5.63	43	336259	97.64	ug/l	98
26) 2,2-Dichloropropane	5.59	77	388239	20.93	ug/l	99
27) cis-1,2-Dichloroethene	5.60	96	313852	20.85	ug/l	96
28) Bromochloromethane	5.92	49	209444	19.89	ug/l	99
29) Tetrahydrofuran	5.95	42	177831	97.94	ug/l	99
30) Chloroform	6.11	83	497538	20.86	ug/l	99
31) Cyclohexane	6.38	56	455196	19.96	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	419026	20.85	ug/l	100
36) 1,1-Dichloropropene	6.52	75	359381	20.01	ug/l	99
37) Ethyl Acetate	5.71	43	168095	20.33	ug/l	98
38) Carbon Tetrachloride	6.50	117	346102	20.77	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	412938	19.99	ug/l	99
40) Benzene	6.80	78	948151	20.68	ug/l	99
41) Methacrylonitrile	5.95	41	190456	20.13	ug/l #	96
42) 1,2-Dichloroethane	6.90	62	248765	20.73	ug/l	98
43) Isopropyl Acetate	8.35	43	201456	19.40	ug/l #	98
44) Trichloroethene	7.74	130	296685	21.34	ug/l	99
45) 1,2-Dichloropropane	8.11	63	238917	20.66	ug/l	96
46) Dibromomethane	8.22	93	135110	19.95	ug/l	99
47) Bromodichloromethane	8.49	83	328724	20.60	ug/l	96
48) Methyl methacrylate	8.25	41	127795	20.26	ug/l	95
49) 1,4-Dioxane	8.23	88	22477	411.88	ug/l #	83
51) 4-Methyl-2-Pentanone	9.35	43	670279	99.18	ug/l	99
52) Toluene	9.55	92	620593	21.19	ug/l	100
53) t-1,3-Dichloropropene	9.92	75	269626	19.99	ug/l	97
54) cis-1,3-Dichloropropene	9.10	75	352359	20.37	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	169991	20.02	ug/l	97
56) Ethyl methacrylate	10.04	69	150071	19.23	ug/l	98
57) 1,3-Dichloropropane	10.38	76	253521	19.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.92	63	498897	105.70	ug/l	98
59) 2-Hexanone	10.49	43	492184	102.18	ug/l	100
60) Dibromochloromethane	10.64	129	212418	20.58	ug/l	98
61) 1,2-Dibromoethane	10.76	107	176328	20.73	ug/l	98
64) Tetrachloroethene	10.25	164	266986	20.69	ug/l	99
65) Chlorobenzene	11.32	112	648162	20.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	216684	21.14	ug/l	97
67) Ethyl Benzene	11.43	91	1152667	21.51	ug/l	98
68) m/p-Xylenes	11.56	106	878816	44.46	ug/l	98
69) o-Xylene	11.94	106	406987	21.31	ug/l	98
70) Styrene	11.96	104	657744	21.31	ug/l	98
71) Bromoform	12.12	173	137746	20.00	ug/l	99
73) Isopropylbenzene	12.28	105	1092263	20.23	ug/l	100
74) N-amyl acetate	12.13	43	263818	19.05	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.57	83	175439	19.86	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	174017	19.63	ug/l	98
77) Bromobenzene	12.55	156	285809	19.92	ug/l	92
78) n-propylbenzene	12.64	91	1366220	20.27	ug/l	97
79) 2-Chlorotoluene	12.70	91	764256	20.70	ug/l	93
80) 1,3,5-Trimethylbenzene	12.79	105	880296	20.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.34	75	46046	18.24	ug/l	91
82) 4-Chlorotoluene	12.81	91	885503	21.35	ug/l	94
83) tert-Butylbenzene	13.05	119	971830	20.86	ug/l	94
84) 1,2,4-Trimethylbenzene	13.10	105	897696	21.42	ug/l	98
85) sec-Butylbenzene	13.22	105	1179924	20.64	ug/l	97
86) p-Isopropyltoluene	13.34	119	968331	21.03	ug/l	96
87) 1,3-Dichlorobenzene	13.31	146	526981	20.65	ug/l	97
88) 1,4-Dichlorobenzene	13.39	146	531780	21.33	ug/l	97
89) n-Butylbenzene	13.65	91	1034334	20.48	ug/l	96
90) Hexachloroethane	13.86	117	219001	20.06	ug/l	77
91) 1,2-Dichlorobenzene	13.66	146	451752	21.55	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.23	75	20011	18.77	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	330893	19.91	ug/l	98
94) Hexachlorobutadiene	14.88	225	234470	18.86	ug/l	98
95) Naphthalene	14.97	128	400662	19.74	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	260996	19.60	ug/l	97

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

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