

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
 Data File : VD060372.D
 Acq On : 14 Nov 2018 11:52
 Operator : JC/SY
 Sample : VD1114SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBS01

Quant Time: Nov 14 14:56:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1672562	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	2300231	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1839056	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	965567	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	639393	53.39	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	6.30	113	923315	53.83	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	9.44	98	2581716	51.43	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.41	95	952591	52.37	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	334788	23.05	ug/l	95
3) Chloromethane	1.75	50	323543	20.42	ug/l	99
4) Vinyl Chloride	1.85	62	266175	20.57	ug/l	100
5) Bromomethane	2.15	94	44691	14.56	ug/l	99
6) Chloroethane	2.25	64	72028	16.78	ug/l	97
7) Trichlorofluoromethane	2.50	101	302297	19.82	ug/l	98
8) Diethyl Ether	2.82	74	53425	19.34	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.08	101	207873	20.72	ug/l	95
10) Methyl Iodide	3.23	142	233504	17.92	ug/l	100
11) Tert butyl alcohol	3.95	59	46464	94.48	ug/l #	89
12) 1,1-Dichloroethene	3.06	96	170532	20.90	ug/l	89
13) Acrolein	2.98	56	48360	83.22	ug/l	91
14) Allyl chloride	3.52	41	322936	20.68	ug/l	99
15) Acrylonitrile	4.07	53	289162	100.83	ug/l	97
16) Acetone	3.15	43	216720	104.33	ug/l	98
17) Carbon Disulfide	3.30	76	501252	19.03	ug/l	98
18) Methyl Acetate	3.54	43	81483	18.40	ug/l	99
19) Methyl tert-butyl Ether	4.10	73	487600	19.95	ug/l	99
20) Methylene Chloride	3.70	84	470709	25.54	ug/l	98
21) trans-1,2-Dichloroethene	4.08	96	362465	20.00	ug/l	99
22) Diisopropyl ether	4.83	45	1201790	20.60	ug/l	93
23) Vinyl Acetate	4.78	43	3007616	103.61	ug/l	98
24) 1,1-Dichloroethane	4.73	63	614898	20.55	ug/l	99
25) 2-Butanone	5.60	43	450667	104.37	ug/l	96
26) 2,2-Dichloropropane	5.56	77	502702	21.61	ug/l	94
27) cis-1,2-Dichloroethene	5.57	96	384328	20.36	ug/l	93
28) Bromochloromethane	5.91	49	274710	20.81	ug/l	91
29) Tetrahydrofuran	5.93	42	229025	100.60	ug/l	98
30) Chloroform	6.08	83	626610	20.95	ug/l	100
31) Cyclohexane	6.35	56	559466	19.57	ug/l	95
32) 1,1,1-Trichloroethane	6.27	97	506048	20.09	ug/l	97
36) 1,1-Dichloropropene	6.51	75	484806	21.33	ug/l	100
37) Ethyl Acetate	5.68	43	213281	20.40	ug/l	96
38) Carbon Tetrachloride	6.48	117	428258	20.32	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	535206	20.48	ug/l	95
40) Benzene	6.77	78	1239749	21.37	ug/l	100
41) Methacrylonitrile	5.93	41	236851	19.79	ug/l #	93
42) 1,2-Dichloroethane	6.87	62	316091	20.82	ug/l	95
43) Isopropyl Acetate	8.33	43	250355	19.06	ug/l #	98
44) Trichloroethene	7.72	130	372887	21.21	ug/l	98
45) 1,2-Dichloropropane	8.08	63	304893	20.84	ug/l	99
46) Dibromomethane	8.20	93	177165	20.68	ug/l	93
47) Bromodichloromethane	8.47	83	427062	21.15	ug/l	98
48) Methyl methacrylate	8.23	41	157654	19.76	ug/l	96
49) 1,4-Dioxane	8.21	88	29010	420.22	ug/l #	86
51) 4-Methyl-2-Pentanone	9.32	43	853536	99.83	ug/l	100
52) Toluene	9.53	92	776971	20.97	ug/l	96
53) t-1,3-Dichloropropene	9.90	75	353896	20.74	ug/l	97
54) cis-1,3-Dichloropropene	9.08	75	462748	21.15	ug/l	96
55) 1,1,2-Trichloroethane	10.16	97	220023	20.49	ug/l	97
56) Ethyl methacrylate	10.01	69	196836	19.93	ug/l	98
57) 1,3-Dichloropropane	10.36	76	347397	21.23	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.90	63	633423	106.09	ug/l	97
59) 2-Hexanone	10.47	43	635016	104.21	ug/l	99
60) Dibromochloromethane	10.62	129	272973	20.91	ug/l	98
61) 1,2-Dibromoethane	10.74	107	217166	20.18	ug/l	98
64) Tetrachloroethene	10.24	164	341829	20.82	ug/l	96
65) Chlorobenzene	11.30	112	835970	20.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	284114	21.79	ug/l	95
67) Ethyl Benzene	11.42	91	1451261	21.29	ug/l	100
68) m/p-Xylenes	11.55	106	1084304	43.12	ug/l	98
69) o-Xylene	11.92	106	516793	21.27	ug/l	98
70) Styrene	11.94	104	826086	21.04	ug/l	94
71) Bromoform	12.11	173	173982	19.86	ug/l	95
73) Isopropylbenzene	12.26	105	1380829	19.63	ug/l	99
74) N-amyl acetate	12.12	43	340472	18.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.55	83	230424	20.03	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	227516	19.70	ug/l	97
77) Bromobenzene	12.53	156	385596	20.64	ug/l	95
78) n-propylbenzene	12.63	91	1774486	20.21	ug/l	100
79) 2-Chlorotoluene	12.70	91	965758	20.08	ug/l	98
80) 1,3,5-Trimethylbenzene	12.78	105	1129361	20.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	63638	19.35	ug/l	97
82) 4-Chlorotoluene	12.79	91	1109046	20.53	ug/l	97
83) tert-Butylbenzene	13.03	119	1255580	20.69	ug/l	92
84) 1,2,4-Trimethylbenzene	13.08	105	1106422	20.26	ug/l	98
85) sec-Butylbenzene	13.21	105	1540996	20.69	ug/l	98
86) p-Isopropyltoluene	13.34	119	1217486	20.30	ug/l	99
87) 1,3-Dichlorobenzene	13.30	146	674397	20.29	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	678797	20.91	ug/l	94
89) n-Butylbenzene	13.64	91	1292894	19.55	ug/l	99
90) Hexachloroethane	13.85	117	288468	20.29	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	581635	21.30	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.21	75	25586	18.42	ug/l	56

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	435338	20.11	ug/l	99
94) Hexachlorobutadiene	14.87	225	305952	18.89	ug/l	99
95) Naphthalene	14.96	128	499722	18.90	ug/l	98
96) 1,2,3-Trichlorobenzene	15.11	180	336590	19.40	ug/l	99

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

