

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060390.D
 Acq On : 16 Nov 2018 10:54
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 16 13:31:56 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	6.43	168	1728456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	2275252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1800961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	931701	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	540775	43.70	ug/l	0.00
Spiked Amount			Recovery	=	87.40%	
35) Dibromofluoromethane	6.35	113	838913	49.45	ug/l	0.02
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	9.47	98	2409010	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.43	95	880831	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	656298	48.247	ug/l	98
3) Chloromethane	1.78	50	720316	43.995	ug/l	98
4) Vinyl Chloride	1.88	62	637386	47.670	ug/l	98
5) Bromomethane	2.17	94	173603	54.725	ug/l	100
6) Chloroethane	2.28	64	226462	51.045	ug/l	93
7) Trichlorofluoromethane	2.53	101	774117	49.106	ug/l	98
8) Diethyl Ether	2.85	74	138191	48.418	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.12	101	517649	49.926	ug/l	97
10) Methyl Iodide	3.27	142	588734	43.719	ug/l	98
11) Tert butyl alcohol	4.00	59	126480	248.876	ug/l #	91
12) 1,1-Dichloroethene	3.11	96	410253	48.644	ug/l	95
13) Acrolein	3.01	56	108251	180.269	ug/l	100
14) Allyl chloride	3.57	41	808013	50.072	ug/l	97
15) Acrylonitrile	4.12	53	684499	230.971	ug/l	100
16) Acetone	3.18	43	497284	231.645	ug/l	95
17) Carbon Disulfide	3.34	76	1242594	45.646	ug/l	100
18) Methyl Acetate	3.59	43	232690	50.835	ug/l	96
19) Methyl tert-butyl Ether	4.15	73	1203189	47.644	ug/l	99
20) Methylene Chloride	3.75	84	891407	46.809	ug/l	98
21) trans-1,2-Dichloroethene	4.13	96	922725	49.275	ug/l	99
22) Diisopropyl ether	4.89	45	3003767	49.823	ug/l	99
23) Vinyl Acetate	4.84	43	7193998	239.810	ug/l	100
24) 1,1-Dichloroethane	4.79	63	1561854	50.519	ug/l	100
25) 2-Butanone	5.64	43	1027687	230.312	ug/l	98
26) 2,2-Dichloropropane	5.62	77	1275499	53.066	ug/l	99
27) cis-1,2-Dichloroethene	5.63	96	988262	50.659	ug/l	98
28) Bromochloromethane	5.95	49	628503	46.074	ug/l	97
29) Tetrahydrofuran	5.98	42	517072	219.790	ug/l	99
30) Chloroform	6.13	83	1668321	53.979	ug/l	99
31) Cyclohexane	6.39	56	1382331	46.781	ug/l	97
32) 1,1,1-Trichloroethane	6.32	97	1341339	51.522	ug/l	98
36) 1,1-Dichloropropene	6.55	75	1201124	53.434	ug/l	98
37) Ethyl Acetate	5.72	43	504192	48.744	ug/l	98
38) Carbon Tetrachloride	6.53	117	1114974	53.471	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	1333120	51.564	ug/l	98
40) Benzene	6.83	78	3068577	53.479	ug/l	100
41) Methacrylonitrile	5.95	41	563167	47.569	ug/l #	79
42) 1,2-Dichloroethane	6.92	62	774270	51.554	ug/l	100
43) Isopropyl Acetate	8.37	43	629589	48.456	ug/l #	100
44) Trichloroethene	7.76	130	964253	55.437	ug/l	99
45) 1,2-Dichloropropane	8.12	63	768975	53.139	ug/l	97
46) Dibromomethane	8.24	93	428920	50.607	ug/l	95
47) Bromodichloromethane	8.52	83	1094676	54.810	ug/l	98
48) Methyl methacrylate	8.27	41	395529	50.116	ug/l	94
49) 1,4-Dioxane	8.25	88	70004	1025.161	ug/l	92
51) 4-Methyl-2-Pentanone	9.36	43	2026287	239.609	ug/l	99
52) Toluene	9.57	92	1895668	51.720	ug/l	100
53) t-1,3-Dichloropropene	9.94	75	879486	52.118	ug/l	100
54) cis-1,3-Dichloropropene	9.13	75	1171486	54.126	ug/l	96
55) 1,1,2-Trichloroethane	10.20	97	518491	48.807	ug/l	98
56) Ethyl methacrylate	10.05	69	503416	51.539	ug/l	98
57) 1,3-Dichloropropane	10.41	76	818443	50.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.95	63	1385015	234.511	ug/l	97
59) 2-Hexanone	10.51	43	1515948	251.511	ug/l	99
60) Dibromochloromethane	10.65	129	701926	54.355	ug/l	99
61) 1,2-Dibromoethane	10.78	107	556723	52.304	ug/l	99
64) Tetrachloroethene	10.27	164	873790	54.347	ug/l	97
65) Chlorobenzene	11.33	112	2120403	54.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	702975	55.059	ug/l	98
67) Ethyl Benzene	11.44	91	3590312	53.785	ug/l	99
68) m/p-Xylenes	11.58	106	2683743	108.990	ug/l	99
69) o-Xylene	11.95	106	1285857	54.053	ug/l	92
70) Styrene	11.97	104	2054620	53.443	ug/l	99
71) Bromoform	12.13	173	470392	54.828	ug/l	98
73) Isopropylbenzene	12.29	105	3466401	51.066	ug/l	99
74) N-amyl acetate	12.15	43	834824	47.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	524186	47.217	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	535146	48.015	ug/l	99
77) Bromobenzene	12.55	156	940779	52.176	ug/l	99
78) n-propylbenzene	12.65	91	4439470	52.396	ug/l	99
79) 2-Chlorotoluene	12.72	91	2443857	52.664	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2727119	51.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.36	75	155632	49.048	ug/l	98
82) 4-Chlorotoluene	12.82	91	2675485	51.325	ug/l	99
83) tert-Butylbenzene	13.06	119	3112548	53.144	ug/l	98
84) 1,2,4-Trimethylbenzene	13.10	105	2684286	50.949	ug/l	100
85) sec-Butylbenzene	13.23	105	3778325	52.581	ug/l	98
86) p-Isopropyltoluene	13.35	119	3074492	53.131	ug/l	96
87) 1,3-Dichlorobenzene	13.32	146	1667614	51.983	ug/l	99
88) 1,4-Dichlorobenzene	13.40	146	1612942	51.482	ug/l	94
89) n-Butylbenzene	13.66	91	3084527	55.962	ug/l	97
90) Hexachloroethane	13.87	117	773468	56.370	ug/l	91
91) 1,2-Dichlorobenzene	13.67	146	1331564	50.534	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66714	49.783	ug/l	73

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93) 1,2,4-Trichlorobenzene	14.80	180	1089173	52.135	ug/l	98
94) Hexachlorobutadiene	14.90	225	847042	54.206	ug/l	100
95) Naphthalene	14.98	128	1257515	49.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	864148	51.618	ug/l	97

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

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