

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112618\
 Data File : VD060448.D
 Acq On : 26 Nov 2018 10:41
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 14:45:09 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	1480306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2076296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1635243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	809320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.81	65	507363	47.87	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	6.35	113	762420	49.24	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	9.47	98	2173731	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.43	95	783657	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.62	85	600959	51.934	ug/l 99
3) Chloromethane	1.78	50	634047	45.218	ug/l 100
4) Vinyl Chloride	1.88	62	550837	48.103	ug/l 99
5) Bromomethane	2.18	94	143769	52.918	ug/l 99
6) Chloroethane	2.29	64	186242	49.016	ug/l 99
7) Trichlorofluoromethane	2.54	101	695087	51.485	ug/l 99
8) Diethyl Ether	2.86	74	125329	51.273	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.12	101	458876	51.676	ug/l 98
10) Methyl Iodide	3.28	142	513412	44.516	ug/l 99
11) Tert butyl alcohol	4.00	59	133828	307.479	ug/l # 90
12) 1,1-Dichloroethene	3.10	96	362186	50.144	ug/l 97
13) Acrolein	3.01	56	101293	196.958	ug/l 99
14) Allyl chloride	3.56	41	727808	52.662	ug/l 96
15) Acrylonitrile	4.12	53	692594	272.879	ug/l 99
16) Acetone	3.18	43	544897	296.373	ug/l 99
17) Carbon Disulfide	3.35	76	1072040	45.983	ug/l 98
18) Methyl Acetate	3.58	43	223831	57.097	ug/l 98
19) Methyl tert-butyl Ether	4.15	73	1182600	54.679	ug/l 98
20) Methylene Chloride	3.75	84	842320	51.646	ug/l 98
21) trans-1,2-Dichloroethene	4.14	96	859898	53.618	ug/l 97
22) Diisopropyl ether	4.88	45	2875845	55.698	ug/l 96
23) Vinyl Acetate	4.83	43	6990677	272.097	ug/l 99
24) 1,1-Dichloroethane	4.78	63	1485105	56.089	ug/l 100
25) 2-Butanone	5.64	43	1065870	278.911	ug/l 100
26) 2,2-Dichloropropane	5.61	77	1185378	57.584	ug/l 99
27) cis-1,2-Dichloroethene	5.62	96	918519	54.976	ug/l 97
28) Bromochloromethane	5.96	49	623426	53.363	ug/l 90
29) Tetrahydrofuran	5.98	42	541415	268.716	ug/l 99
30) Chloroform	6.12	83	1479838	55.907	ug/l 100
31) Cyclohexane	6.39	56	1244543	49.178	ug/l 98
32) 1,1,1-Trichloroethane	6.32	97	1245074	55.842	ug/l 98
36) 1,1-Dichloropropene	6.55	75	1079316	52.617	ug/l 98
37) Ethyl Acetate	5.72	43	509014	53.926	ug/l 98
38) Carbon Tetrachloride	6.53	117	1034413	54.361	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.06	83	1215610	51.524	ug/l	99
40) Benzene	6.82	78	2832958	54.104	ug/l	98
41) Methacrylonitrile	5.95	41	577270	53.433	ug/l #	78
42) 1,2-Dichloroethane	6.92	62	757090	55.241	ug/l	98
43) Isopropyl Acetate	8.37	43	639560	53.940	ug/l #	99
44) Trichloroethene	7.76	130	872863	54.992	ug/l	94
45) 1,2-Dichloropropane	8.12	63	737961	55.882	ug/l	99
46) Dibromomethane	8.24	93	424643	54.904	ug/l	97
47) Bromodichloromethane	8.50	83	1014463	55.661	ug/l	99
48) Methyl methacrylate	8.26	41	386416	53.653	ug/l	97
49) 1,4-Dioxane	8.25	88	72939	1170.494	ug/l	88
51) 4-Methyl-2-Pentanone	9.36	43	2007874	260.183	ug/l	97
52) Toluene	9.57	92	1823861	54.529	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	858486	55.748	ug/l	100
54) cis-1,3-Dichloropropene	9.12	75	1095023	55.441	ug/l	96
55) 1,1,2-Trichloroethane	10.20	97	501398	51.721	ug/l	98
56) Ethyl methacrylate	10.05	69	501265	56.237	ug/l	99
57) 1,3-Dichloropropane	10.39	76	787618	53.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.94	63	1404912	260.674	ug/l	98
59) 2-Hexanone	10.50	43	1575501	286.439	ug/l	100
60) Dibromochloromethane	10.65	129	668689	56.744	ug/l	100
61) 1,2-Dibromoethane	10.77	107	531790	54.749	ug/l	99
64) Tetrachloroethene	10.27	164	777348	53.249	ug/l	99
65) Chlorobenzene	11.33	112	1954580	55.166	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	639035	55.124	ug/l	98
67) Ethyl Benzene	11.44	91	3269066	53.936	ug/l	99
68) m/p-Xylenes	11.57	106	2366902	105.864	ug/l	99
69) o-Xylene	11.95	106	1174920	54.395	ug/l	90
70) Styrene	11.97	104	1951634	55.909	ug/l	99
71) Bromoform	12.13	173	453204	58.178	ug/l	97
73) Isopropylbenzene	12.28	105	3330916	56.490	ug/l	100
74) N-amyl acetate	12.15	43	841312	55.652	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	517353	53.649	ug/l	96
76) 1,2,3-Trichloropropane	12.61	75	525232	54.252	ug/l	97
77) Bromobenzene	12.55	156	846022	54.015	ug/l	99
78) n-propylbenzene	12.65	91	3962657	53.841	ug/l	99
79) 2-Chlorotoluene	12.72	91	2219620	55.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	2388029	52.112	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	158543	57.521	ug/l	96
82) 4-Chlorotoluene	12.81	91	2349478	51.887	ug/l	99
83) tert-Butylbenzene	13.06	119	2832218	55.670	ug/l	98
84) 1,2,4-Trimethylbenzene	13.10	105	2596775	56.741	ug/l	99
85) sec-Butylbenzene	13.23	105	3397346	54.429	ug/l	99
86) p-Isopropyltoluene	13.35	119	2756144	54.832	ug/l	96
87) 1,3-Dichlorobenzene	13.32	146	1496796	53.714	ug/l	99
88) 1,4-Dichlorobenzene	13.40	146	1461254	53.693	ug/l	93
89) n-Butylbenzene	13.65	91	2701294	56.537	ug/l	97
90) Hexachloroethane	13.87	117	722091	60.583	ug/l	97
91) 1,2-Dichlorobenzene	13.67	146	1182416	51.660	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	66066	56.755	ug/l	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1036910	57.138	ug/l	98
94) Hexachlorobutadiene	14.89	225	743928	54.806	ug/l	99
95) Naphthalene	14.98	128	1285301	58.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.13	180	829504	57.042	ug/l	98

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

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