

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120318\
 Data File : VD060466.D
 Acq On : 3 Dec 2018 10:20
 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: Dec 04 02:14:41 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	1400975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.48	114	1960288	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.30	117	1530086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	793881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.82	65	543579	54.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.38%	
35) Dibromofluoromethane	6.35	113	822876	56.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	112.58%	
50) Toluene-d8	9.48	98	2258301	52.79	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.45	95	833552	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.61	85	545328	49.587	ug/l	96
3) Chloromethane	1.78	50	587393	44.263	ug/l	99
4) Vinyl Chloride	1.88	62	511994	47.242	ug/l	97
5) Bromomethane	2.17	94	128504	49.978	ug/l	97
6) Chloroethane	2.28	64	175108	48.696	ug/l	99
7) Trichlorofluoromethane	2.54	101	630505	49.346	ug/l	99
8) Diethyl Ether	2.85	74	118849	51.375	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.12	101	421536	50.159	ug/l	97
10) Methyl Iodide	3.27	142	487026	44.620	ug/l	97
11) Tert butyl alcohol	4.00	59	125054	303.590	ug/l	96
12) 1,1-Dichloroethene	3.10	96	333513	48.789	ug/l	97
13) Acrolein	3.01	56	87638	180.056	ug/l	95
14) Allyl chloride	3.57	41	675229	51.624	ug/l	98
15) Acrylonitrile	4.12	53	684555	284.984	ug/l	99
16) Acetone	3.19	43	515746	296.402	ug/l	99
17) Carbon Disulfide	3.34	76	950152	43.062	ug/l	100
18) Methyl Acetate	3.59	43	226223	60.974	ug/l	99
19) Methyl tert-butyl Ether	4.16	73	1176468	57.475	ug/l	100
20) Methylene Chloride	3.76	84	806762	52.267	ug/l	95
21) trans-1,2-Dichloroethene	4.13	96	813678	53.609	ug/l	99
22) Diisopropyl ether	4.89	45	2673426	54.709	ug/l	95
23) Vinyl Acetate	4.84	43	6877702	282.858	ug/l	100
24) 1,1-Dichloroethane	4.79	63	1405327	56.082	ug/l	100
25) 2-Butanone	5.66	43	1048617	289.934	ug/l	99
26) 2,2-Dichloropropane	5.62	77	1123986	57.694	ug/l	99
27) cis-1,2-Dichloroethene	5.63	96	896456	56.694	ug/l	97
28) Bromochloromethane	5.96	49	582292	52.665	ug/l	90
29) Tetrahydrofuran	5.99	42	519261	272.314	ug/l	99
30) Chloroform	6.14	83	1421213	56.733	ug/l	99
31) Cyclohexane	6.39	56	1134636	47.374	ug/l	97
32) 1,1,1-Trichloroethane	6.32	97	1203928	57.054	ug/l	98
36) 1,1-Dichloropropene	6.55	75	1021914	52.766	ug/l	99
37) Ethyl Acetate	5.73	43	510414	57.274	ug/l	99
38) Carbon Tetrachloride	6.53	117	985426	54.852	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	1149907	51.624	ug/l	99
40) Benzene	6.83	78	2688161	54.377	ug/l	99
41) Methacrylonitrile	5.98	41	560963	54.996	ug/l #	96
42) 1,2-Dichloroethane	6.92	62	719420	55.598	ug/l	99
43) Isopropyl Acetate	8.37	43	639411	57.119	ug/l	99
44) Trichloroethene	7.77	130	846793	56.506	ug/l	98
45) 1,2-Dichloropropane	8.14	63	705346	56.573	ug/l	97
46) Dibromomethane	8.24	93	422095	57.804	ug/l	99
47) Bromodichloromethane	8.52	83	1006458	58.490	ug/l	99
48) Methyl methacrylate	8.27	41	393180	57.823	ug/l	95
49) 1,4-Dioxane	8.25	88	72068	1224.958	ug/l	88
51) 4-Methyl-2-Pentanone	9.37	43	2031801	278.865	ug/l	99
52) Toluene	9.57	92	1740037	55.101	ug/l	99
53) t-1,3-Dichloropropene	9.95	75	834681	57.410	ug/l	100
54) cis-1,3-Dichloropropene	9.13	75	1058115	56.742	ug/l	98
55) 1,1,2-Trichloroethane	10.20	97	499082	54.528	ug/l	98
56) Ethyl methacrylate	10.05	69	498723	59.263	ug/l	99
57) 1,3-Dichloropropane	10.41	76	755841	54.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.95	63	1402286	275.585	ug/l	98
59) 2-Hexanone	10.51	43	1550912	298.655	ug/l	99
60) Dibromochloromethane	10.66	129	679489	61.072	ug/l	98
61) 1,2-Dibromoethane	10.78	107	521926	56.913	ug/l	99
64) Tetrachloroethene	10.28	164	759495	55.601	ug/l	96
65) Chlorobenzene	11.33	112	1871451	56.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	623764	57.504	ug/l	97
67) Ethyl Benzene	11.45	91	3054405	53.858	ug/l	98
68) m/p-Xylenes	11.58	106	2322872	111.035	ug/l	100
69) o-Xylene	11.95	106	1130145	55.918	ug/l	92
70) Styrene	11.97	104	1847110	56.551	ug/l	99
71) Bromoform	12.13	173	447128	61.343	ug/l	99
73) Isopropylbenzene	12.29	105	3111753	53.799	ug/l	100
74) N-amyl acetate	12.15	43	813534	54.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	516071	54.556	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	539073	56.764	ug/l	100
77) Bromobenzene	12.55	156	827564	53.864	ug/l	97
78) n-propylbenzene	12.65	91	3894961	53.950	ug/l	100
79) 2-Chlorotoluene	12.72	91	2104194	53.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	2380520	52.958	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.36	75	159626	59.040	ug/l	96
82) 4-Chlorotoluene	12.83	91	2268333	51.069	ug/l	87
83) tert-Butylbenzene	13.07	119	2799246	56.092	ug/l	99
84) 1,2,4-Trimethylbenzene	13.10	105	2504834	55.797	ug/l	100
85) sec-Butylbenzene	13.23	105	3352525	54.755	ug/l	99
86) p-Isopropyltoluene	13.36	119	2667026	54.091	ug/l	99
87) 1,3-Dichlorobenzene	13.32	146	1504415	55.037	ug/l	99
88) 1,4-Dichlorobenzene	13.41	146	1488461	55.756	ug/l	99
89) n-Butylbenzene	13.66	91	2640543	56.290	ug/l	97
90) Hexachloroethane	13.87	117	694509	59.402	ug/l	92
91) 1,2-Dichlorobenzene	13.68	146	1188351	52.929	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65015	56.938	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	1008452	56.651	ug/l	98
94) Hexachlorobutadiene	14.90	225	725601	54.496	ug/l	99
95) Naphthalene	14.98	128	1252053	57.601	ug/l	99
96) 1,2,3-Trichlorobenzene	15.13	180	826567	57.945	ug/l	99

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

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