

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008800.D
 Acq On : 25 Feb 2019 11:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 26 03:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	447170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	235846	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138609	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	7.88	113	130790	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.32	98	542056	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.62	95	207400	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	167848	52.476	ug/l 99
3) Chloromethane	2.21	50	208373	53.518	ug/l 98
4) Vinyl Chloride	2.35	62	220233	53.424	ug/l 98
5) Bromomethane	2.76	94	157241	51.354	ug/l 98
6) Chloroethane	2.91	64	155872	53.248	ug/l 98
7) Trichlorofluoromethane	3.26	101	272992	52.360	ug/l 93
8) Diethyl Ether	3.68	74	73923	44.785	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	164132	51.840	ug/l 100
10) Methyl Iodide	4.27	142	211756	53.485	ug/l 99
11) Tert butyl alcohol	5.17	59	54806	205.531	ug/l 99
12) 1,1-Dichloroethene	4.03	96	145203	51.930	ug/l 95
13) Acrolein	3.90	56	75739	267.756	ug/l 96
14) Allyl chloride	4.67	41	245688	50.911	ug/l 97
15) Acrylonitrile	5.36	53	161259	227.640	ug/l 98
16) Acetone	4.12	43	167431	241.161	ug/l 96
17) Carbon Disulfide	4.37	76	488458	52.651	ug/l 97
18) Methyl Acetate	4.67	43	69647	42.294	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	348932	46.105	ug/l 98
20) Methylene Chloride	4.92	84	170593	49.866	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	162640	50.284	ug/l 96
22) Diisopropyl ether	6.31	45	472063	49.036	ug/l 95
23) Vinyl Acetate	6.26	43	1406727	236.506	ug/l 100
24) 1,1-Dichloroethane	6.21	63	276926	49.642	ug/l 99
25) 2-Butanone	7.17	43	215578	222.100	ug/l 99
26) 2,2-Dichloropropane	7.17	77	273016	53.907	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	170521	49.286	ug/l 99
28) Bromochloromethane	7.51	49	114641	49.109	ug/l 100
29) Tetrahydrofuran	7.52	42	133511	215.842	ug/l 100
30) Chloroform	7.67	83	284495	49.712	ug/l 98
31) Cyclohexane	7.95	56	279137	49.433	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	272583	52.376	ug/l 99
36) 1,1-Dichloropropene	8.08	75	231354	53.149	ug/l 98
37) Ethyl Acetate	7.26	43	96302	47.575	ug/l 98
38) Carbon Tetrachloride	8.07	117	247044	53.815	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	294151	54.177	ug/l	98
40) Benzene	8.32	78	621942	52.331	ug/l	99
41) Methacrylonitrile	7.48	41	53909m	45.308	ug/l	
42) 1,2-Dichloroethane	8.40	62	184388	48.976	ug/l	99
43) Isopropyl Acetate	8.42	43	183018	45.302	ug/l	99
44) Trichloroethene	9.09	130	177981	53.160	ug/l	97
45) 1,2-Dichloropropane	9.37	63	148611	50.601	ug/l	96
46) Dibromomethane	9.46	93	80669	49.381	ug/l	96
47) Bromodichloromethane	9.64	83	204075	51.344	ug/l	98
48) Methyl methacrylate	9.43	41	95001	49.099	ug/l	95
49) 1,4-Dioxane	9.45	88	27500	1051.187	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	466684	227.533	ug/l	100
52) Toluene	10.39	92	432897	53.670	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	207918	51.323	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	240152	51.976	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	108488	48.969	ug/l	94
56) Ethyl methacrylate	10.65	69	139047	48.308	ug/l	97
57) 1,3-Dichloropropane	10.93	76	189912	48.551	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	334522	231.080	ug/l	99
59) 2-Hexanone	10.97	43	349140	239.132	ug/l	99
60) Dibromochloromethane	11.13	129	135255	50.053	ug/l	100
61) 1,2-Dibromoethane	11.23	107	105784	48.238	ug/l	96
64) Tetrachloroethene	10.86	164	159385	52.382	ug/l	96
65) Chlorobenzene	11.66	112	471396	52.740	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	156587	51.812	ug/l	99
67) Ethyl Benzene	11.73	91	873874	54.691	ug/l	99
68) m/p-Xylenes	11.84	106	695688	108.971	ug/l	99
69) o-Xylene	12.16	106	323934	54.059	ug/l	100
70) Styrene	12.18	104	517029	53.631	ug/l	98
71) Bromoform	12.35	173	80134	49.328	ug/l #	99
73) Isopropylbenzene	12.46	105	907249	56.113	ug/l	100
74) N-amyl acetate	12.27	43	201393	49.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	122621	46.415	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	87171m	44.767	ug/l	
77) Bromobenzene	12.75	156	199021	52.090	ug/l	98
78) n-propylbenzene	12.80	91	1110367	56.143	ug/l	100
79) 2-Chlorotoluene	12.89	91	609143	54.248	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	785184	55.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39205	48.947	ug/l	99
82) 4-Chlorotoluene	12.99	91	647007	54.678	ug/l	100
83) tert-Butylbenzene	13.21	119	671493	55.272	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	802474	55.173	ug/l	100
85) sec-Butylbenzene	13.38	105	975000	55.813	ug/l	99
86) p-Isopropyltoluene	13.50	119	889688	55.555	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	422202	53.261	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	416306	53.285	ug/l	100
89) n-Butylbenzene	13.83	91	857148	57.132	ug/l	100
90) Hexachloroethane	14.10	117	147235	56.161	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	368352	52.151	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23303	48.762	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	277778	54.582	ug/l	99
94) Hexachlorobutadiene	15.24	225	169059	56.397	ug/l	99
95) Naphthalene	15.37	128	444386	51.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	235717	53.570	ug/l	97

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

