

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011682.D
 Acq On : 03 Aug 2019 23:59
 Operator : SY/VA
 Sample : VW0804SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBS02

Quant Time: Aug 04 03:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	134095	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.88	113	108332	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.32	98	439454	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.62	95	155115	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	31143	25.535	ug/l	97
3) Chloromethane	2.21	50	48130	22.758	ug/l	98
4) Vinyl Chloride	2.35	62	57056	22.409	ug/l	99
5) Bromomethane	2.75	94	26845	19.048	ug/l	100
6) Chloroethane	2.90	64	30713	21.117	ug/l	99
7) Trichlorofluoromethane	3.24	101	22731	19.976	ug/l	92
8) Diethyl Ether	3.68	74	29109	22.562	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	47400	21.959	ug/l	99
10) Methyl Iodide	4.26	142	66137	21.681	ug/l	99
11) Tert butyl alcohol	5.18	59	24453	122.783	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	49611	21.768	ug/l	97
13) Acrolein	3.89	56	11345	62.920	ug/l	95
14) Allyl chloride	4.66	41	107157	22.106	ug/l	99
15) Acrylonitrile	5.36	53	70836	109.987	ug/l	100
16) Acetone	4.12	43	60540	75.737	ug/l	95
17) Carbon Disulfide	4.37	76	147530	20.682	ug/l	100
18) Methyl Acetate	4.67	43	52218	29.079	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	81889	22.642	ug/l	99
20) Methylene Chloride	4.91	84	59588	21.615	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56535	23.008	ug/l	100
22) Diisopropyl ether	6.31	45	214902	23.514	ug/l	98
23) Vinyl Acetate	6.25	43	587318	102.272	ug/l	100
24) 1,1-Dichloroethane	6.21	63	114627	23.419	ug/l	100
25) 2-Butanone	7.17	43	100643	96.220	ug/l	98
26) 2,2-Dichloropropane	7.16	77	55649	18.487	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	61789	22.848	ug/l	99
28) Bromochloromethane	7.51	49	50008	23.018	ug/l	100
29) Tetrahydrofuran	7.53	42	66805	111.736	ug/l	99
30) Chloroform	7.67	83	105998	23.473	ug/l	95
31) Cyclohexane	7.95	56	101403	21.582	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	78766	22.904	ug/l	98
36) 1,1-Dichloropropene	8.08	75	85113	22.358	ug/l	99
37) Ethyl Acetate	7.25	43	46630	21.291	ug/l	99
38) Carbon Tetrachloride	8.06	117	70869	21.746	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89204	21.281	ug/l	99
40) Benzene	8.32	78	243986	22.881	ug/l	100
41) Methacrylonitrile	7.48	41	27646	21.116	ug/l	98
42) 1,2-Dichloroethane	8.40	62	77633	23.254	ug/l	100
43) Isopropyl Acetate	8.42	43	86352	21.439	ug/l	98
44) Trichloroethene	9.09	130	57093	22.277	ug/l	99
45) 1,2-Dichloropropane	9.37	63	65452	22.941	ug/l	99
46) Dibromomethane	9.46	93	29382	22.563	ug/l	98
47) Bromodichloromethane	9.64	83	74859	21.915	ug/l	98
48) Methyl methacrylate	9.43	41	41809	21.609	ug/l	97
49) 1,4-Dioxane	9.46	88	7867	417.235	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	227663	108.665	ug/l	99
52) Toluene	10.38	92	146686	22.779	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	73443	20.582	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89861	21.181	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	41108	22.249	ug/l	97
56) Ethyl methacrylate	10.65	69	59144	21.875	ug/l	99
57) 1,3-Dichloropropane	10.93	76	77626	22.207	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	149301	121.622	ug/l	99
59) 2-Hexanone	10.97	43	148870	100.637	ug/l	100
60) Dibromochloromethane	11.13	129	44685	21.788	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38328	21.921	ug/l	100
64) Tetrachloroethene	10.86	164	49822	23.514	ug/l	96
65) Chlorobenzene	11.66	112	147196	22.499	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	50354	22.096	ug/l	99
67) Ethyl Benzene	11.73	91	278024	22.313	ug/l	99
68) m/p-Xylenes	11.84	106	201466	44.460	ug/l	99
69) o-Xylene	12.16	106	92495	21.966	ug/l	96
70) Styrene	12.18	104	164814	22.637	ug/l	99
71) Bromoform	12.35	173	24512	21.096	ug/l #	98
73) Isopropylbenzene	12.46	105	260204	22.189	ug/l	99
74) N-amyl acetate	12.27	43	74397	20.264	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	48823	22.134	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	41114m	24.719	ug/l	
77) Bromobenzene	12.75	156	58187	22.449	ug/l	99
78) n-propylbenzene	12.80	91	317087	22.218	ug/l	100
79) 2-Chlorotoluene	12.89	91	184085	22.390	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	222327	22.617	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	13510	18.720	ug/l	92
82) 4-Chlorotoluene	12.99	91	196142	22.737	ug/l	99
83) tert-Butylbenzene	13.21	119	184662	22.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	223969	22.618	ug/l	98
85) sec-Butylbenzene	13.38	105	259134	22.093	ug/l	100
86) p-Isopropyltoluene	13.50	119	235234	22.104	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113613	22.355	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	111881	22.130	ug/l	99
89) n-Butylbenzene	13.82	91	227966	21.465	ug/l	99
90) Hexachloroethane	14.09	117	39624	21.056	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	100586	22.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8389	22.302	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	67703	21.371	ug/l	99
94) Hexachlorobutadiene	15.24	225	42059	21.289	ug/l	98
95) Naphthalene	15.36	128	117839	20.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58945	21.227	ug/l	99

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

