

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010810.D
 Acq On : 14 Jun 2019 13:22
 Operator : SY/VA
 Sample : VW0614SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 1:23:21 PM

Quant Time: Jun 15 06:35:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147209	59.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.20%	
35) Dibromofluoromethane	7.88	113	112593	59.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.72%	
50) Toluene-d8	10.32	98	466529	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.62	95	177144	58.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43889	22.472	ug/l	99
3) Chloromethane	2.21	50	64829	22.562	ug/l	100
4) Vinyl Chloride	2.36	62	56644	21.337	ug/l	99
5) Bromomethane	2.74	94	32122	22.034	ug/l	96
6) Chloroethane	2.90	64	34680	21.763	ug/l	96
7) Trichlorofluoromethane	3.25	101	81145	23.546	ug/l	99
8) Diethyl Ether	3.68	74	29904	24.282	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50261	23.722	ug/l	99
10) Methyl Iodide	4.27	142	40335	21.505	ug/l	97
11) Tert butyl alcohol	5.17	59	32926	162.246	ug/l	96
12) 1,1-Dichloroethene	4.03	96	47756	23.366	ug/l	99
13) Acrolein	3.89	56	7563	91.200	ug/l	96
14) Allyl chloride	4.67	41	108712	24.123	ug/l	99
15) Acrylonitrile	5.37	53	75923	126.897	ug/l	99
16) Acetone	4.12	43	79322	118.840	ug/l	98
17) Carbon Disulfide	4.37	76	139587	21.515	ug/l	98
18) Methyl Acetate	4.67	43	39087	27.204	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145829	24.739	ug/l	97
20) Methylene Chloride	4.92	84	58287	24.892	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	54441	23.464	ug/l	95
22) Diisopropyl ether	6.31	45	228410	25.317	ug/l	98
23) Vinyl Acetate	6.26	43	679415	124.782	ug/l	100
24) 1,1-Dichloroethane	6.21	63	111380	24.634	ug/l	99
25) 2-Butanone	7.17	43	120803	130.522	ug/l	98
26) 2,2-Dichloropropane	7.17	77	93698	25.467	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60956	23.873	ug/l	96
28) Bromochloromethane	7.51	49	50667	25.110	ug/l	95
29) Tetrahydrofuran	7.53	42	74764	128.426	ug/l	98
30) Chloroform	7.68	83	101205	24.472	ug/l	98
31) Cyclohexane	7.95	56	115146	22.910	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	88132	24.396	ug/l	100
36) 1,1-Dichloropropene	8.08	75	84176	23.531	ug/l	100
37) Ethyl Acetate	7.26	43	49928	25.187	ug/l	99
38) Carbon Tetrachloride	8.07	117	73569	23.824	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105978	23.305	ug/l	99
40) Benzene	8.32	78	231957	23.769	ug/l	100
41) Methacrylonitrile	7.48	41	28888	24.517	ug/l	97
42) 1,2-Dichloroethane	8.40	62	77185	24.920	ug/l	99
43) Isopropyl Acetate	8.43	43	95934	25.050	ug/l	99
44) Trichloroethene	9.09	130	55553	23.077	ug/l	100
45) 1,2-Dichloropropane	9.37	63	63751	24.678	ug/l	98
46) Dibromomethane	9.46	93	29612	24.679	ug/l	98
47) Bromodichloromethane	9.64	83	74945	24.096	ug/l	95
48) Methyl methacrylate	9.44	41	46167	25.003	ug/l	99
49) 1,4-Dioxane	9.45	88	8914	475.168	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	254688	130.177	ug/l	99
52) Toluene	10.39	92	143264	23.860	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	78719	23.895	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	92989	23.987	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42440	24.552	ug/l	97
56) Ethyl methacrylate	10.65	69	66387	24.959	ug/l	94
57) 1,3-Dichloropropane	10.93	76	79485	24.400	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	171865	123.365	ug/l	99
59) 2-Hexanone	10.97	43	181418	128.302	ug/l	98
60) Dibromochloromethane	11.13	129	47539	24.809	ug/l	97
61) 1,2-Dibromoethane	11.24	107	39963	24.401	ug/l	99
64) Tetrachloroethene	10.86	164	47380	22.606	ug/l	96
65) Chlorobenzene	11.66	112	146587	23.614	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49913	23.228	ug/l	97
67) Ethyl Benzene	11.73	91	281179	23.569	ug/l	100
68) m/p-Xylenes	11.84	106	198382	46.452	ug/l	98
69) o-Xylene	12.16	106	95344	23.539	ug/l	96
70) Styrene	12.18	104	167968	23.872	ug/l	100
71) Bromoform	12.35	173	26842	24.153	ug/l #	97
73) Isopropylbenzene	12.46	105	270062	23.684	ug/l	99
74) N-amyl acetate	12.27	43	94884	25.747	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	52103	24.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37403m	23.472	ug/l	
77) Bromobenzene	12.75	156	58503	23.504	ug/l	98
78) n-propylbenzene	12.80	91	323226	23.508	ug/l	99
79) 2-Chlorotoluene	12.90	91	185723	23.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	221189	23.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16059	23.162	ug/l	95
82) 4-Chlorotoluene	12.99	91	186824	23.047	ug/l	99
83) tert-Butylbenzene	13.21	119	185671	23.440	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	220855	23.515	ug/l	100
85) sec-Butylbenzene	13.38	105	271561	23.547	ug/l	100
86) p-Isopropyltoluene	13.50	119	242153	23.480	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113395	23.624	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112360	23.612	ug/l	98
89) n-Butylbenzene	13.83	91	243947	23.707	ug/l	100
90) Hexachloroethane	14.10	117	42711	23.125	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	102702	23.792	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8974	24.074	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76114	25.127	ug/l	99
94) Hexachlorobutadiene	15.24	225	45825	24.104	ug/l	99
95) Naphthalene	15.37	128	143851	26.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	66261	25.721	ug/l	99

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

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