

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010779.D
 Acq On : 12 Jun 2019 15:42
 Operator : SY/VA
 Sample : VW0612SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:32:15 AM

Quant Time: Jun 13 08:08:29 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	232451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147713	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
35) Dibromofluoromethane	7.88	113	113698	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.32	98	478378	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	176986	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46433	21.616	ug/l	99
3) Chloromethane	2.21	50	69854	22.103	ug/l	96
4) Vinyl Chloride	2.35	62	61264	20.981	ug/l	98
5) Bromomethane	2.72	94	33657	20.990	ug/l	97
6) Chloroethane	2.89	64	33757	19.260	ug/l	97
7) Trichlorofluoromethane	3.24	101	84408	22.269	ug/l	99
8) Diethyl Ether	3.68	74	29841	22.030	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	51520	22.108	ug/l	98
10) Methyl Iodide	4.26	142	38231	19.196	ug/l	99
11) Tert butyl alcohol	5.17	59	40328	180.675	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	48588	21.614	ug/l	94
13) Acrolein	3.89	56	6583	72.174	ug/l	96
14) Allyl chloride	4.67	41	110968	22.388	ug/l	98
15) Acrylonitrile	5.37	53	73065	111.031	ug/l	99
16) Acetone	4.12	43	80417	109.540	ug/l	98
17) Carbon Disulfide	4.37	76	146484	20.527	ug/l	99
18) Methyl Acetate	4.67	43	35922	22.731	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	143164	22.081	ug/l	97
20) Methylene Chloride	4.91	84	57351	22.269	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	56088	21.979	ug/l	99
22) Diisopropyl ether	6.31	45	228264	23.003	ug/l	96
23) Vinyl Acetate	6.25	43	668013	111.547	ug/l	99
24) 1,1-Dichloroethane	6.21	63	113807	22.885	ug/l	98
25) 2-Butanone	7.17	43	116111	114.061	ug/l	99
26) 2,2-Dichloropropane	7.17	77	98415	24.320	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	62734	22.338	ug/l	95
28) Bromochloromethane	7.51	49	47940	21.601	ug/l	98
29) Tetrahydrofuran	7.53	42	70953	110.812	ug/l	98
30) Chloroform	7.67	83	102310	22.492	ug/l	97
31) Cyclohexane	7.95	56	119890	21.688	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	89775	22.594	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86428	22.326	ug/l	100
37) Ethyl Acetate	7.25	43	50078	23.344	ug/l	99
38) Carbon Tetrachloride	8.07	117	74858	22.400	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107146	21.773	ug/l	98
40) Benzene	8.32	78	238535	22.587	ug/l	99
41) Methacrylonitrile	7.48	41	25037	19.635	ug/l	92
42) 1,2-Dichloroethane	8.40	62	76726	22.891	ug/l	99
43) Isopropyl Acetate	8.43	43	91871	22.168	ug/l	99
44) Trichloroethene	9.09	130	58044	22.281	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64297	22.999	ug/l	98
46) Dibromomethane	9.46	93	28798	22.178	ug/l	99
47) Bromodichloromethane	9.65	83	73918	21.961	ug/l	97
48) Methyl methacrylate	9.43	41	45044	22.542	ug/l	98
49) 1,4-Dioxane	9.45	88	9229	454.607	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	240400	113.545	ug/l	99
52) Toluene	10.39	92	146305	22.516	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	79404	22.273	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	94215	22.458	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	42075	22.493	ug/l	98
56) Ethyl methacrylate	10.65	69	63126	21.931	ug/l	96
57) 1,3-Dichloropropane	10.93	76	78751	22.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	138069	91.582	ug/l	100
59) 2-Hexanone	10.97	43	172680	112.850	ug/l	98
60) Dibromochloromethane	11.13	129	44505	21.463	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38644	21.804	ug/l	98
64) Tetrachloroethene	10.86	164	47830	21.420	ug/l	99
65) Chlorobenzene	11.66	112	147022	22.231	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51168	22.350	ug/l	100
67) Ethyl Benzene	11.73	91	283151	22.277	ug/l	98
68) m/p-Xylenes	11.84	106	204628	44.974	ug/l	98
69) o-Xylene	12.16	106	97379	22.566	ug/l	99
70) Styrene	12.18	104	168321	22.454	ug/l	100
71) Bromoform	12.35	173	24637	20.808	ug/l	99
73) Isopropylbenzene	12.46	105	270971	21.758	ug/l	99
74) N-amyl acetate	12.27	43	89096	22.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49704	20.964	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37652m	21.634	ug/l	
77) Bromobenzene	12.75	156	58886	21.661	ug/l	98
78) n-propylbenzene	12.80	91	325808	21.696	ug/l	100
79) 2-Chlorotoluene	12.90	91	188358	21.954	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	223392	21.914	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15314	20.223	ug/l	99
82) 4-Chlorotoluene	12.99	91	195958	22.133	ug/l	100
83) tert-Butylbenzene	13.21	119	187947	21.725	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	225168	21.950	ug/l	99
85) sec-Butylbenzene	13.38	105	272904	21.666	ug/l	99
86) p-Isopropyltoluene	13.50	119	244743	21.728	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	114105	21.765	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	114662	22.061	ug/l	98
89) n-Butylbenzene	13.83	91	247624	22.033	ug/l	100
90) Hexachloroethane	14.10	117	43251	21.441	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	103208	21.891	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8601	21.125	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	72463	21.902	ug/l	98
94) Hexachlorobutadiene	15.24	225	45534	21.929	ug/l	98
95) Naphthalene	15.37	128	119367	19.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	60788	21.604	ug/l	99

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

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