

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010429.D
 Acq On : 18 May 2019 00:31
 Operator : SY/VA
 Sample : VW0517SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:15:28 PM

Quant Time: May 18 01:51:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	689571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1313647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1203176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	564665	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	424105	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
35) Dibromofluoromethane	7.88	113	401476	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	10.32	98	1503855	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.62	95	584870	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	96178	17.411	ug/l 96
3) Chloromethane	2.21	50	152135	19.876	ug/l 99
4) Vinyl Chloride	2.35	62	151752	18.368	ug/l 100
5) Bromomethane	2.75	94	114820	25.115	ug/l 98
6) Chloroethane	2.90	64	103382	20.076	ug/l 95
7) Trichlorofluoromethane	3.25	101	229514	20.032	ug/l 98
8) Diethyl Ether	3.68	74	88756	21.779	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	142584	19.553	ug/l 99
10) Methyl Iodide	4.27	142	156120	19.144	ug/l 99
11) Tert butyl alcohol	5.19	59	76444	111.435	ug/l 97
12) 1,1-Dichloroethene	4.03	96	142134	20.668	ug/l 94
13) Acrolein	3.89	56	55066	105.705	ug/l 96
14) Allyl chloride	4.66	41	223852	20.984	ug/l 99
15) Acrylonitrile	5.37	53	196973	113.045	ug/l 99
16) Acetone	4.13	43	146049	109.633	ug/l 97
17) Carbon Disulfide	4.37	76	397772	20.256	ug/l 99
18) Methyl Acetate	4.67	43	100797	24.212	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	444678	22.544	ug/l 97
20) Methylene Chloride	4.92	84	162879	21.091	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	172255	21.476	ug/l 97
22) Diisopropyl ether	6.32	45	494778	21.732	ug/l 97
23) Vinyl Acetate	6.26	43	1475925	103.921	ug/l 100
24) 1,1-Dichloroethane	6.21	63	285100	21.630	ug/l 98
25) 2-Butanone	7.18	43	260780	114.837	ug/l 96
26) 2,2-Dichloropropane	7.17	77	209816	17.640	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	198653	22.085	ug/l 99
28) Bromochloromethane	7.51	49	112011	22.619	ug/l 97
29) Tetrahydrofuran	7.53	42	177731	115.654	ug/l 98
30) Chloroform	7.67	83	309967	22.359	ug/l 100
31) Cyclohexane	7.95	56	257233	19.711	ug/l 95
32) 1,1,1-Trichloroethane	7.87	97	273280	20.906	ug/l 99
36) 1,1-Dichloropropene	8.08	75	223418	19.211	ug/l 99
37) Ethyl Acetate	7.25	43	118356	21.211	ug/l 98
38) Carbon Tetrachloride	8.07	117	238145	18.975	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	284906	18.345	ug/l	96
40) Benzene	8.32	78	674484	20.322	ug/l	100
41) Methacrylonitrile	7.48	41	66339	19.854	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	210095	21.245	ug/l	100
43) Isopropyl Acetate	8.43	43	239574	21.083	ug/l	99
44) Trichloroethene	9.09	130	187825	19.752	ug/l	97
45) 1,2-Dichloropropane	9.37	63	171448	21.102	ug/l	97
46) Dibromomethane	9.46	93	104089	21.687	ug/l	96
47) Bromodichloromethane	9.64	83	247888	20.785	ug/l	97
48) Methyl methacrylate	9.43	41	108130	20.651	ug/l	96
49) 1,4-Dioxane	9.46	88	30410	428.125	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	609883	104.927	ug/l	100
52) Toluene	10.39	92	443222	20.107	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	242650	19.727	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	277719	19.915	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	143853	20.774	ug/l	94
56) Ethyl methacrylate	10.65	69	202126	20.918	ug/l	100
57) 1,3-Dichloropropane	10.93	76	247626	21.331	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	494086	106.418	ug/l	99
59) 2-Hexanone	10.97	43	421540	104.150	ug/l	99
60) Dibromochloromethane	11.13	129	180339	20.986	ug/l	98
61) 1,2-Dibromoethane	11.23	107	149263	21.268	ug/l	98
64) Tetrachloroethene	10.86	164	180850	22.852	ug/l	97
65) Chlorobenzene	11.66	112	490961	20.095	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	182320	20.208	ug/l	99
67) Ethyl Benzene	11.73	91	841725	19.558	ug/l	99
68) m/p-Xylenes	11.84	106	662164	39.310	ug/l	99
69) o-Xylene	12.16	106	326161	20.312	ug/l	100
70) Styrene	12.18	104	558916	20.216	ug/l	99
71) Bromoform	12.35	173	102043	20.073	ug/l #	100
73) Isopropylbenzene	12.46	105	835598	19.138	ug/l	100
74) N-amyl acetate	12.27	43	217383	19.428	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	174530	20.183	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	124573m	20.602	ug/l	
77) Bromobenzene	12.75	156	197249	19.998	ug/l	96
78) n-propylbenzene	12.80	91	961893	18.992	ug/l	100
79) 2-Chlorotoluene	12.90	91	585837	19.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	721998	19.427	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	54801	17.885	ug/l	97
82) 4-Chlorotoluene	12.99	91	610394	19.761	ug/l	98
83) tert-Butylbenzene	13.21	119	599653	19.079	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	726173	19.861	ug/l	100
85) sec-Butylbenzene	13.38	105	831670	18.791	ug/l	99
86) p-Isopropyltoluene	13.50	119	754907	18.881	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	382394	20.131	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	378758	20.031	ug/l	99
89) n-Butylbenzene	13.83	91	698162	18.301	ug/l	100
90) Hexachloroethane	14.10	117	152241	18.929	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	352008	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33154	20.603	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	214465	19.048	ug/l	98
94) Hexachlorobutadiene	15.24	225	112013	18.635	ug/l	98
95) Naphthalene	15.37	128	518748	20.383	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	191547	19.296	ug/l	99

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

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