

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010903.D
 Acq On : 20 Jun 2019 20:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 3:20:41 PM

Quant Time: Jun 21 08:46:21 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	204189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149357	62.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.12%	
35) Dibromofluoromethane	7.88	113	113775	61.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.64%	
50) Toluene-d8	10.32	98	455722	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
62) 4-Bromofluorobenzene	12.62	95	172331	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	92048	48.782	ug/l	97
3) Chloromethane	2.21	50	153291	55.217	ug/l	100
4) Vinyl Chloride	2.36	62	133153	51.913	ug/l	97
5) Bromomethane	2.75	94	78359	55.632	ug/l	96
6) Chloroethane	2.90	64	85311	55.411	ug/l	97
7) Trichlorofluoromethane	3.25	101	189448	56.899	ug/l	99
8) Diethyl Ether	3.68	74	73886	62.096	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116371	56.849	ug/l	98
10) Methyl Iodide	4.27	142	109844	51.890	ug/l	97
11) Tert butyl alcohol	5.17	59	75990	387.566	ug/l	97
12) 1,1-Dichloroethene	4.03	96	110276	55.846	ug/l	95
13) Acrolein	3.89	56	19465	242.947	ug/l	99
14) Allyl chloride	4.67	41	267686	61.481	ug/l	98
15) Acrylonitrile	5.37	53	195973	339.023	ug/l	99
16) Acetone	4.12	43	223588	346.715	ug/l	100
17) Carbon Disulfide	4.37	76	320876	51.189	ug/l	100
18) Methyl Acetate	4.67	43	100671	72.521	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	367656	64.556	ug/l	100
20) Methylene Chloride	4.92	84	136429	60.306	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	132446	59.084	ug/l	99
22) Diisopropyl ether	6.31	45	571215	65.531	ug/l	98
23) Vinyl Acetate	6.26	43	1732421	329.325	ug/l	99
24) 1,1-Dichloroethane	6.22	63	274708	62.886	ug/l	98
25) 2-Butanone	7.17	43	318318	355.978	ug/l	98
26) 2,2-Dichloropropane	7.17	77	208928	58.776	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	152639	61.874	ug/l	98
28) Bromochloromethane	7.51	49	123190	63.191	ug/l	95
29) Tetrahydrofuran	7.53	42	194043	344.996	ug/l	98
30) Chloroform	7.68	83	253686	63.491	ug/l	98
31) Cyclohexane	7.95	56	262887	54.137	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	211495	60.595	ug/l	99
36) 1,1-Dichloropropene	8.08	75	201207	57.972	ug/l	100
37) Ethyl Acetate	7.25	43	128790	66.963	ug/l	100
38) Carbon Tetrachloride	8.07	117	174460	58.228	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	242773	55.024	ug/l	97
40) Benzene	8.32	78	570759	60.280	ug/l	99
41) Methacrylonitrile	7.48	41	75566	66.100	ug/l	98
42) 1,2-Dichloroethane	8.40	62	194036	64.569	ug/l	99
43) Isopropyl Acetate	8.43	43	251889	67.790	ug/l	99
44) Trichloroethene	9.09	130	136349	58.377	ug/l	99
45) 1,2-Dichloropropane	9.37	63	158934	63.410	ug/l	97
46) Dibromomethane	9.46	93	74306	63.827	ug/l	98
47) Bromodichloromethane	9.64	83	189694	62.860	ug/l	96
48) Methyl methacrylate	9.44	41	119995	66.980	ug/l	96
49) 1,4-Dioxane	9.45	88	24524	1347.376	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	668740	352.294	ug/l	98
52) Toluene	10.39	92	353309	60.646	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200432	62.706	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	233015	61.952	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	108776	64.859	ug/l	99
56) Ethyl methacrylate	10.65	69	169973	65.865	ug/l	96
57) 1,3-Dichloropropane	10.93	76	205817	65.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	406837	300.987	ug/l	98
59) 2-Hexanone	10.97	43	475544	346.631	ug/l	98
60) Dibromochloromethane	11.13	129	117111	62.992	ug/l	99
61) 1,2-Dibromoethane	11.24	107	100682	63.362	ug/l	99
64) Tetrachloroethene	10.87	164	126256	61.269	ug/l	99
65) Chlorobenzene	11.66	112	361764	59.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	129104	61.107	ug/l	99
67) Ethyl Benzene	11.73	91	691551	58.958	ug/l	99
68) m/p-Xylenes	11.84	106	492943	117.398	ug/l	97
69) o-Xylene	12.16	106	236507	59.389	ug/l	97
70) Styrene	12.18	104	422342	61.051	ug/l	99
71) Bromoform	12.35	173	66447	60.811	ug/l #	100
73) Isopropylbenzene	12.46	105	654951	57.756	ug/l	99
74) N-amyl acetate	12.27	43	244692	66.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	135430	62.733	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	98361m	62.069	ug/l	
77) Bromobenzene	12.75	156	147706	59.671	ug/l	97
78) n-propylbenzene	12.80	91	799712	58.485	ug/l	100
79) 2-Chlorotoluene	12.90	91	462442	59.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	553435	59.625	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41142	59.669	ug/l	95
82) 4-Chlorotoluene	12.99	91	479870	59.525	ug/l	99
83) tert-Butylbenzene	13.21	119	461182	58.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	559621	59.915	ug/l	99
85) sec-Butylbenzene	13.38	105	667072	58.162	ug/l	99
86) p-Isopropyltoluene	13.50	119	598549	58.359	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	285807	59.873	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	283144	59.830	ug/l	99
89) n-Butylbenzene	13.83	91	605851	59.204	ug/l	99
90) Hexachloroethane	14.10	117	108054	58.829	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	259295	60.402	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24119	65.061	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	185973	61.734	ug/l	100
94) Hexachlorobutadiene	15.24	225	112422	59.461	ug/l	98
95) Naphthalene	15.37	128	354266	64.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	164774	64.315	ug/l	99

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

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