

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010650.D
 Acq On : 31 May 2019 21:53
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 8:44:34 AM

Quant Time: Jun 01 06:49:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	276591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	85577	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	7.88	113	90881	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	10.32	98	334950	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.62	95	131556	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	64189	43.764	ug/l	98
3) Chloromethane	2.21	50	70661	40.883	ug/l	100
4) Vinyl Chloride	2.35	62	80221	40.070	ug/l	99
5) Bromomethane	2.75	94	59081	42.897	ug/l	93
6) Chloroethane	2.90	64	57406	44.668	ug/l	99
7) Trichlorofluoromethane	3.25	101	145761	49.315	ug/l	98
8) Diethyl Ether	3.68	74	49382	52.706	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	90470	49.702	ug/l	95
10) Methyl Iodide	4.26	142	98973	47.571	ug/l	97
11) Tert butyl alcohol	5.17	59	40012	261.981	ug/l	98
12) 1,1-Dichloroethene	4.03	96	86370	49.707	ug/l	97
13) Acrolein	3.89	56	20898	233.339	ug/l	96
14) Allyl chloride	4.67	41	119915	47.677	ug/l	99
15) Acrylonitrile	5.37	53	99454	253.457	ug/l	98
16) Acetone	4.12	43	79598	229.662	ug/l	96
17) Carbon Disulfide	4.37	76	221241	42.688	ug/l	99
18) Methyl Acetate	4.67	43	45949	54.207	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	236840	53.467	ug/l	99
20) Methylene Chloride	4.91	84	94322	45.973	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	102313	51.335	ug/l	96
22) Diisopropyl ether	6.31	45	260371	50.487	ug/l	97
23) Vinyl Acetate	6.26	43	759760	246.626	ug/l	99
24) 1,1-Dichloroethane	6.21	63	160897	52.280	ug/l	99
25) 2-Butanone	7.17	43	129592	261.275	ug/l	100
26) 2,2-Dichloropropane	7.17	77	136356	46.513	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	115847	53.465	ug/l	96
28) Bromochloromethane	7.51	49	60555	54.956	ug/l	90
29) Tetrahydrofuran	7.52	42	84069	250.481	ug/l	98
30) Chloroform	7.67	83	177446	53.454	ug/l	99
31) Cyclohexane	7.95	56	139515	43.277	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	160326	50.531	ug/l	98
36) 1,1-Dichloropropene	8.08	75	129968	50.442	ug/l	98
37) Ethyl Acetate	7.25	43	56708	51.756	ug/l	97
38) Carbon Tetrachloride	8.07	117	142679	51.333	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170425	49.370	ug/l	98
40) Benzene	8.32	78	382949	53.473	ug/l	99
41) Methacrylonitrile	7.48	41	32404	49.774	ug/l	96
42) 1,2-Dichloroethane	8.40	62	110639	54.054	ug/l	99
43) Isopropyl Acetate	8.42	43	112289	51.298	ug/l	99
44) Trichloroethene	9.09	130	118101	55.549	ug/l	98
45) 1,2-Dichloropropane	9.37	63	92246	54.236	ug/l	98
46) Dibromomethane	9.46	93	54908	55.202	ug/l	93
47) Bromodichloromethane	9.65	83	134100	53.648	ug/l	99
48) Methyl methacrylate	9.43	41	50279	50.208	ug/l	95
49) 1,4-Dioxane	9.45	88	17495	1076.697	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	295370	266.294	ug/l	99
52) Toluene	10.39	92	260090	54.079	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	130525	51.559	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	152269	52.667	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	81562	57.022	ug/l	96
56) Ethyl methacrylate	10.65	69	104871	53.161	ug/l	98
57) 1,3-Dichloropropane	10.93	76	133011	55.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	243115	278.236	ug/l	97
59) 2-Hexanone	10.97	43	204108	257.961	ug/l	98
60) Dibromochloromethane	11.13	129	101374	55.999	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81891	56.518	ug/l	98
64) Tetrachloroethene	10.87	164	108237	62.866	ug/l	94
65) Chlorobenzene	11.66	112	292836	55.632	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	106371	56.412	ug/l	99
67) Ethyl Benzene	11.73	91	493418	53.093	ug/l	98
68) m/p-Xylenes	11.84	106	390308	107.075	ug/l	98
69) o-Xylene	12.16	106	187139	54.186	ug/l	98
70) Styrene	12.18	104	321330	54.836	ug/l	98
71) Bromoform	12.35	173	57816	55.679	ug/l #	99
73) Isopropylbenzene	12.47	105	498692	50.038	ug/l	100
74) N-amyl acetate	12.27	43	108106	47.336	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	92369	50.956	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	62069m	48.687	ug/l	
77) Bromobenzene	12.75	156	125330	56.195	ug/l	94
78) n-propylbenzene	12.80	91	564863	48.635	ug/l	98
79) 2-Chlorotoluene	12.90	91	337245	50.070	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	423384	50.159	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	26328	43.101	ug/l	98
82) 4-Chlorotoluene	12.99	91	348702	49.878	ug/l	98
83) tert-Butylbenzene	13.21	119	383152	51.966	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	422766	50.289	ug/l	100
85) sec-Butylbenzene	13.38	105	508272	49.260	ug/l	99
86) p-Isopropyltoluene	13.50	119	465453	49.838	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	233611	53.389	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	238209	54.260	ug/l	99
89) n-Butylbenzene	13.83	91	428199	48.202	ug/l	99
90) Hexachloroethane	14.10	117	88639	49.034	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	218050	54.692	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16713	49.584	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	153855	56.718	ug/l	99
94) Hexachlorobutadiene	15.24	225	81888	56.507	ug/l	98
95) Naphthalene	15.37	128	314000	55.144	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	134408	57.584	ug/l	99

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

