

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011837.D
 Acq On : 10 Aug 2019 02:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2019 2:44:27 PM

Quant Time: Aug 11 02:14:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143396	65.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.20%	
35) Dibromofluoromethane	7.88	113	109938	60.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.22%	
50) Toluene-d8	10.32	98	431760	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	
62) 4-Bromofluorobenzene	12.62	95	157338	58.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	48215	45.444	ug/l	98
3) Chloromethane	2.21	50	86061	46.779	ug/l	99
4) Vinyl Chloride	2.36	62	101615	45.877	ug/l	95
5) Bromomethane	2.76	94	51829	42.275	ug/l	96
6) Chloroethane	2.91	64	60114	47.513	ug/l	95
7) Trichlorofluoromethane	3.25	101	46623	47.099	ug/l	100
8) Diethyl Ether	3.68	74	62100	55.331	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92367	49.189	ug/l	99
10) Methyl Iodide	4.27	142	138516	52.198	ug/l	98
11) Tert butyl alcohol	5.18	59	42719	265.933	ug/l	100
12) 1,1-Dichloroethene	4.04	96	96482	48.663	ug/l	97
13) Acrolein	3.89	56	33416	213.040	ug/l	99
14) Allyl chloride	4.67	41	213964	50.740	ug/l	99
15) Acrylonitrile	5.37	53	168418	300.606	ug/l	98
16) Acetone	4.13	43	140446	201.974	ug/l	99
17) Carbon Disulfide	4.39	76	288007	46.412	ug/l	100
18) Methyl Acetate	4.67	43	99415	63.641	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	179617	57.090	ug/l	99
20) Methylene Chloride	4.91	84	123625	51.550	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	112054	52.422	ug/l	95
22) Diisopropyl ether	6.31	45	452647	56.934	ug/l	98
23) Vinyl Acetate	6.25	43	1418822	284.009	ug/l	99
24) 1,1-Dichloroethane	6.21	63	231620	54.397	ug/l	99
25) 2-Butanone	7.17	43	238162	261.743	ug/l	98
26) 2,2-Dichloropropane	7.17	77	108966	41.612	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	125375	53.294	ug/l	99
28) Bromochloromethane	7.51	49	117047	61.931	ug/l #	99
29) Tetrahydrofuran	7.53	42	157476	302.774	ug/l	99
30) Chloroform	7.67	83	215633	54.892	ug/l	97
31) Cyclohexane	7.96	56	187412	45.852	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	158649	53.030	ug/l	99
36) 1,1-Dichloropropene	8.08	75	164056	48.397	ug/l	99
37) Ethyl Acetate	7.25	43	106235	54.473	ug/l	97
38) Carbon Tetrachloride	8.07	117	142163	48.990	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	174400	46.724	ug/l	98
40) Benzene	8.32	78	484397	51.016	ug/l	100
41) Methacrylonitrile	7.48	41	73808	63.311	ug/l	94
42) 1,2-Dichloroethane	8.40	62	164229	55.245	ug/l	100
43) Isopropyl Acetate	8.43	43	203560	56.755	ug/l	99
44) Trichloroethene	9.09	130	114238	50.058	ug/l	96
45) 1,2-Dichloropropane	9.37	63	134958	53.121	ug/l	98
46) Dibromomethane	9.46	93	63731	54.961	ug/l	98
47) Bromodichloromethane	9.64	83	164050	53.934	ug/l	99
48) Methyl methacrylate	9.43	41	100623	58.404	ug/l	99
49) 1,4-Dioxane	9.46	88	19827	1180.906	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	541591	290.305	ug/l	100
52) Toluene	10.38	92	295584	51.549	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	167741	52.793	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	195303	51.697	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	90160	54.801	ug/l	98
56) Ethyl methacrylate	10.65	69	137761	57.221	ug/l	99
57) 1,3-Dichloropropane	10.93	76	170543	54.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	367495	336.194	ug/l	100
59) 2-Hexanone	10.97	43	368045	279.408	ug/l	100
60) Dibromochloromethane	11.13	129	100451	55.004	ug/l	99
61) 1,2-Dibromoethane	11.23	107	84935	54.552	ug/l	100
64) Tetrachloroethene	10.86	164	98928	51.120	ug/l	98
65) Chlorobenzene	11.66	112	299239	50.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108252	52.009	ug/l	100
67) Ethyl Benzene	11.73	91	571355	50.205	ug/l	100
68) m/p-Xylenes	11.84	106	411072	99.323	ug/l	100
69) o-Xylene	12.16	106	196151	51.002	ug/l	99
70) Styrene	12.18	104	346113	52.049	ug/l	100
71) Bromoform	12.35	173	57525	54.206	ug/l #	97
73) Isopropylbenzene	12.46	105	530717	49.399	ug/l	99
74) N-amyl acetate	12.27	43	186553	55.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111416	55.133	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78174m	51.302	ug/l	
77) Bromobenzene	12.74	156	121639	51.224	ug/l	98
78) n-propylbenzene	12.80	91	648791	49.621	ug/l	99
79) 2-Chlorotoluene	12.89	91	381962	50.709	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	457295	50.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34024	51.460	ug/l	96
82) 4-Chlorotoluene	12.99	91	399287	50.523	ug/l	100
83) tert-Butylbenzene	13.21	119	377074	50.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	460195	50.727	ug/l	99
85) sec-Butylbenzene	13.38	105	530080	49.329	ug/l	99
86) p-Isopropyltoluene	13.50	119	481617	49.398	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	230957	49.603	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	231803	50.046	ug/l	100
89) n-Butylbenzene	13.82	91	468074	48.108	ug/l	99
90) Hexachloroethane	14.09	117	87799	50.926	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	210915	51.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18954	55.002	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	145148	50.011	ug/l	100
94) Hexachlorobutadiene	15.24	225	88958	49.149	ug/l	99
95) Naphthalene	15.36	128	290733	51.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	131208	51.574	ug/l	99

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

