

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010682.D
 Acq On : 05 Jun 2019 10:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 11:51:35 AM

Quant Time: Jun 05 15:26:50 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	279562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	446750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151575	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	7.88	113	121058	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.32	98	513465	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.62	95	184226	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	125390	48.536	ug/l 98
3) Chloromethane	2.21	50	185776	48.877	ug/l 99
4) Vinyl Chloride	2.35	62	177255	50.475	ug/l 98
5) Bromomethane	2.76	94	95600	49.574	ug/l 98
6) Chloroethane	2.92	64	108074	51.271	ug/l 99
7) Trichlorofluoromethane	3.25	101	240385	52.733	ug/l 99
8) Diethyl Ether	3.68	74	78534	48.208	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146218	52.172	ug/l 98
10) Methyl Iodide	4.27	142	131863	46.088	ug/l 98
11) Tert butyl alcohol	5.18	59	58085	216.375	ug/l 99
12) 1,1-Dichloroethene	4.04	96	139732	51.684	ug/l 98
13) Acrolein	3.90	56	26499	241.568	ug/l 95
14) Allyl chloride	4.67	41	319292	53.562	ug/l 100
15) Acrylonitrile	5.37	53	182832	231.014	ug/l 100
16) Acetone	4.13	43	248958	281.971	ug/l 99
17) Carbon Disulfide	4.37	76	453406	52.831	ug/l 100
18) Methyl Acetate	4.67	43	85009	44.728	ug/l 97
19) Methyl tert-butyl Ether	5.43	73	376515	48.287	ug/l 99
20) Methylene Chloride	4.92	84	146169	47.191	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	158104	51.515	ug/l 94
22) Diisopropyl ether	6.31	45	605635	50.747	ug/l 100
23) Vinyl Acetate	6.26	43	1819593	252.638	ug/l 100
24) 1,1-Dichloroethane	6.21	63	308989	51.663	ug/l 99
25) 2-Butanone	7.17	43	317262	259.140	ug/l 97
26) 2,2-Dichloropropane	7.17	77	268000	55.067	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	171315	50.722	ug/l 99
28) Bromochloromethane	7.51	49	122380	45.851	ug/l 97
29) Tetrahydrofuran	7.53	42	174100	226.083	ug/l 99
30) Chloroform	7.68	83	279602	51.111	ug/l 100
31) Cyclohexane	7.95	56	330307	49.682	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	253480	53.044	ug/l 100
36) 1,1-Dichloropropene	8.08	75	246244	53.847	ug/l 99
37) Ethyl Acetate	7.25	43	119606	47.199	ug/l 100
38) Carbon Tetrachloride	8.07	117	217252	55.033	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	311898	53.652	ug/l	99
40) Benzene	8.32	78	647960	51.939	ug/l	100
41) Methacrylonitrile	7.48	41	80129	53.198	ug/l	93
42) 1,2-Dichloroethane	8.40	62	199171	50.303	ug/l	100
43) Isopropyl Acetate	8.42	43	237599	48.532	ug/l	99
44) Trichloroethene	9.09	130	159937	51.972	ug/l	99
45) 1,2-Dichloropropane	9.37	63	170642	51.672	ug/l	100
46) Dibromomethane	9.46	93	75700	49.352	ug/l	99
47) Bromodichloromethane	9.64	83	209674	52.734	ug/l	97
48) Methyl methacrylate	9.43	41	115838	49.075	ug/l	100
49) 1,4-Dioxane	9.46	88	20745	865.042	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	601931	240.669	ug/l	100
52) Toluene	10.39	92	398527	51.920	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	221735	52.651	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	261084	52.684	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	109125	49.384	ug/l	98
56) Ethyl methacrylate	10.65	69	167439	49.244	ug/l	98
57) 1,3-Dichloropropane	10.93	76	206522	49.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	403818	226.746	ug/l	100
59) 2-Hexanone	10.97	43	472328	261.304	ug/l	99
60) Dibromochloromethane	11.13	129	127152	51.909	ug/l	100
61) 1,2-Dibromoethane	11.24	107	103039	49.216	ug/l	99
64) Tetrachloroethene	10.86	164	132215	51.066	ug/l	95
65) Chlorobenzene	11.66	112	398073	51.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	140036	52.754	ug/l	99
67) Ethyl Benzene	11.73	91	784355	53.222	ug/l	99
68) m/p-Xylenes	11.84	106	562035	106.534	ug/l	100
69) o-Xylene	12.16	106	260412	52.046	ug/l	97
70) Styrene	12.18	104	452586	52.070	ug/l	99
71) Bromoform	12.35	173	71044	51.748	ug/l	100
73) Isopropylbenzene	12.47	105	746804	54.472	ug/l	100
74) N-amyl acetate	12.27	43	222526	50.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	129159	49.486	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	95260m	49.721	ug/l	
77) Bromobenzene	12.75	156	155107	51.829	ug/l	98
78) n-propylbenzene	12.80	91	900764	54.488	ug/l	100
79) 2-Chlorotoluene	12.90	91	504823	53.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	608304	54.207	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	45273	54.310	ug/l	97
82) 4-Chlorotoluene	12.99	91	521509	53.507	ug/l	99
83) tert-Butylbenzene	13.21	119	518573	54.451	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	606333	53.694	ug/l	100
85) sec-Butylbenzene	13.38	105	754460	54.410	ug/l	100
86) p-Isopropyltoluene	13.50	119	677243	54.617	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	302272	52.376	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	298289	52.135	ug/l	99
89) n-Butylbenzene	13.83	91	681034	55.046	ug/l	100
90) Hexachloroethane	14.10	117	126771	57.088	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	266210	51.293	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22102	49.314	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	191174	52.490	ug/l	99
94) Hexachlorobutadiene	15.24	225	124705	54.556	ug/l	99
95) Naphthalene	15.37	128	335230	50.660	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	162864	52.581	ug/l	99

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

