

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009103.D
 Acq On : 11 Mar 2019 23:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 3/12/2019 1:16:08 PM

Quant Time: Mar 12 09:25:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	299322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	450586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	254110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	167008	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	144273	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
50) Toluene-d8	10.32	98	623295	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	
62) 4-Bromofluorobenzene	12.62	95	247312	57.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.54%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	126622	41.975	ug/l	100
3) Chloromethane	2.21	50	180270	47.042	ug/l	100
4) Vinyl Chloride	2.36	62	192655	49.539	ug/l	96
5) Bromomethane	2.76	94	155405	47.339	ug/l	97
6) Chloroethane	2.91	64	141248	51.018	ug/l	97
7) Trichlorofluoromethane	3.26	101	223169	44.569	ug/l	100
8) Diethyl Ether	3.68	74	75221	49.130	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	134948	43.271	ug/l	99
10) Methyl Iodide	4.27	142	153194	45.586	ug/l	99
11) Tert butyl alcohol	5.16	59	62025	268.774	ug/l	99
12) 1,1-Dichloroethene	4.03	96	123399	45.871	ug/l	99
13) Acrolein	3.89	56	56677	223.190	ug/l	100
14) Allyl chloride	4.67	41	232061	48.904	ug/l	97
15) Acrylonitrile	5.37	53	174079	260.507	ug/l	99
16) Acetone	4.12	43	163210	240.169	ug/l	99
17) Carbon Disulfide	4.38	76	421843	46.607	ug/l	99
18) Methyl Acetate	4.67	43	84517	54.085	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	361304	50.772	ug/l	99
20) Methylene Chloride	4.92	84	162317	50.869	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	147946	47.630	ug/l	97
22) Diisopropyl ether	6.31	45	499399	52.959	ug/l	100
23) Vinyl Acetate	6.26	43	1473374	251.078	ug/l	99
24) 1,1-Dichloroethane	6.22	63	271624	49.661	ug/l	98
25) 2-Butanone	7.17	43	229227	244.074	ug/l	99
26) 2,2-Dichloropropane	7.17	77	216067	43.459	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	163701	49.071	ug/l	98
28) Bromochloromethane	7.51	49	114370	50.271	ug/l	97
29) Tetrahydrofuran	7.52	42	150403	254.127	ug/l	98
30) Chloroform	7.67	83	279570	49.647	ug/l	98
31) Cyclohexane	7.95	56	244926	43.611	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	247571	47.639	ug/l	99
36) 1,1-Dichloropropene	8.08	75	215949	46.559	ug/l	98
37) Ethyl Acetate	7.25	43	104669	48.044	ug/l	99
38) Carbon Tetrachloride	8.07	117	214951	44.875	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	261567	47.347	ug/l	96
40) Benzene	8.32	78	616127	49.762	ug/l	98
41) Methacrylonitrile	7.48	41	61507	50.840	ug/l	91
42) 1,2-Dichloroethane	8.40	62	194781	48.729	ug/l	100
43) Isopropyl Acetate	8.43	43	208224	51.317	ug/l	100
44) Trichloroethene	9.09	130	161126	46.431	ug/l	98
45) 1,2-Dichloropropane	9.37	63	152829	49.284	ug/l	99
46) Dibromomethane	9.46	93	82902	48.951	ug/l	98
47) Bromodichloromethane	9.64	83	209850	48.949	ug/l	99
48) Methyl methacrylate	9.43	41	102059	54.018	ug/l	92
49) 1,4-Dioxane	9.45	88	28838	1189.114	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	563814	273.707	ug/l	99
52) Toluene	10.39	92	436127	51.939	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	213347	50.317	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	238562	48.961	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	114265	49.779	ug/l	96
56) Ethyl methacrylate	10.65	69	162725	57.120	ug/l	98
57) 1,3-Dichloropropane	10.93	76	204199	50.216	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	388468	263.036	ug/l	99
59) 2-Hexanone	10.97	43	401514	277.232	ug/l	99
60) Dibromochloromethane	11.13	129	140426	49.433	ug/l	98
61) 1,2-Dibromoethane	11.24	107	112317	49.912	ug/l	98
64) Tetrachloroethene	10.86	164	170395	52.439	ug/l	99
65) Chlorobenzene	11.66	112	484905	49.442	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	155822	47.583	ug/l	98
67) Ethyl Benzene	11.73	91	880306	49.685	ug/l	99
68) m/p-Xylenes	11.84	106	690908	98.793	ug/l	99
69) o-Xylene	12.16	106	331574	50.956	ug/l	100
70) Styrene	12.18	104	546709	51.928	ug/l	100
71) Bromoform	12.35	173	86893	49.418	ug/l #	99
73) Isopropylbenzene	12.46	105	906450	49.813	ug/l	100
74) N-amyl acetate	12.27	43	244465	56.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	142481	49.637	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	103490m	51.547	ug/l	
77) Bromobenzene	12.75	156	203162	48.863	ug/l	98
78) n-propylbenzene	12.80	91	1123007	50.102	ug/l	99
79) 2-Chlorotoluene	12.90	91	637278	50.604	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	799588	50.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	43799	48.796	ug/l	99
82) 4-Chlorotoluene	12.99	91	685004	51.028	ug/l	99
83) tert-Butylbenzene	13.21	119	700526	52.954	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	822685	51.848	ug/l	99
85) sec-Butylbenzene	13.38	105	993039	50.664	ug/l	99
86) p-Isopropyltoluene	13.50	119	890832	50.806	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	435489	49.839	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	430444	49.847	ug/l	100
89) n-Butylbenzene	13.83	91	842130	50.521	ug/l	99
90) Hexachloroethane	14.10	117	152635	50.473	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	392668	50.934	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28764	56.263	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	271979	52.238	ug/l	98
94) Hexachlorobutadiene	15.24	225	161615	49.557	ug/l	100
95) Naphthalene	15.37	128	485203	56.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	237318	51.836	ug/l	99

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

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