

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013431.D
 Acq On : 04 Oct 2019 10:42
 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
 10/9/2019 11:48:06 AM

Quant Time: Oct 04 15:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	129616	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.80%		
35) Dibromofluoromethane	7.88	113	132062	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	112.24%		
50) Toluene-d8	10.32	98	555030	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	113.68%		
62) 4-Bromofluorobenzene	12.62	95	187549	57.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	115.02%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	54041	43.788	ug/l	96
3) Chloromethane	2.21	50	100468	49.332	ug/l	99
4) Vinyl Chloride	2.36	62	154211	53.354	ug/l	99
5) Bromomethane	2.78	94	90576	51.007	ug/l	99
6) Chloroethane	2.92	64	84360	50.546	ug/l	99
7) Trichlorofluoromethane	3.26	101	78675	62.742	ug/l	96
8) Diethyl Ether	3.68	74	74653	51.436	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145558	52.358	ug/l	99
10) Methyl Iodide	4.27	142	233316	51.967	ug/l	99
11) Tert butyl alcohol	5.21	59	51781	264.204	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	154793	52.699	ug/l	97
13) Acrolein	3.90	56	82239	337.535	ug/l	97
14) Allyl chloride	4.67	41	238843	54.967	ug/l	98
15) Acrylonitrile	5.37	53	173400	264.287	ug/l	99
16) Acetone	4.14	43	173224	237.202	ug/l	94
17) Carbon Disulfide	4.39	76	444322	54.223	ug/l	98
18) Methyl Acetate	4.67	43	83420	48.805	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	228615	52.882	ug/l	99
20) Methylene Chloride	4.92	84	151152	49.563	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	158906	50.800	ug/l	98
22) Diisopropyl ether	6.31	45	437425	52.128	ug/l	96
23) Vinyl Acetate	6.25	43	1365484	271.187	ug/l	98
24) 1,1-Dichloroethane	6.21	63	261809	51.223	ug/l	98
25) 2-Butanone	7.17	43	234922	251.402	ug/l	96
26) 2,2-Dichloropropane	7.17	77	164368	55.774	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	167417	51.132	ug/l	98
28) Bromochloromethane	7.51	49	105305	56.984	ug/l	96
29) Tetrahydrofuran	7.53	42	139035	255.583	ug/l	97
30) Chloroform	7.68	83	253096	50.501	ug/l	97
31) Cyclohexane	7.96	56	276750	50.773	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	205861	52.431	ug/l	99
36) 1,1-Dichloropropene	8.08	75	222879	53.507	ug/l	98
37) Ethyl Acetate	7.25	43	96725	52.605	ug/l	98
38) Carbon Tetrachloride	8.07	117	195924	54.298	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	289917	52.849	ug/l	98
40) Benzene	8.32	78	616780	52.307	ug/l	100
41) Methacrylonitrile	7.48	41	61943	55.883	ug/l	97
42) 1,2-Dichloroethane	8.40	62	158646	52.348	ug/l	97
43) Isopropyl Acetate	8.42	43	187146	54.088	ug/l	97
44) Trichloroethene	9.09	130	174625	52.590	ug/l	97
45) 1,2-Dichloropropane	9.37	63	147622	52.143	ug/l	98
46) Dibromomethane	9.46	93	74559	52.873	ug/l	97
47) Bromodichloromethane	9.64	83	185982	53.575	ug/l	98
48) Methyl methacrylate	9.44	41	92849	55.849	ug/l	94
49) 1,4-Dioxane	9.46	88	27687	1279.004	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	468995	257.990	ug/l	98
52) Toluene	10.39	92	399647	52.547	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	195606	54.172	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	238895	54.568	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109704	52.150	ug/l	99
56) Ethyl methacrylate	10.65	69	153777	54.310	ug/l	97
57) 1,3-Dichloropropane	10.93	76	192270	52.575	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	332408	285.794	ug/l	98
59) 2-Hexanone	10.97	43	341389	270.938	ug/l	99
60) Dibromochloromethane	11.13	129	129765	53.921	ug/l	100
61) 1,2-Dibromoethane	11.24	107	107693	52.979	ug/l	100
64) Tetrachloroethene	10.86	164	151024	51.458	ug/l	98
65) Chlorobenzene	11.66	112	406919	51.487	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	144353	53.626	ug/l	99
67) Ethyl Benzene	11.73	91	756212	53.387	ug/l	99
68) m/p-Xylenes	11.84	106	579129	105.924	ug/l	99
69) o-Xylene	12.16	106	265653	52.552	ug/l	97
70) Styrene	12.18	104	462847	53.562	ug/l	99
71) Bromoform	12.35	173	81539	55.871	ug/l #	100
73) Isopropylbenzene	12.46	105	753780	53.120	ug/l	100
74) N-amyl acetate	12.27	43	166165	55.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	124879	51.994	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	83165m	48.235	ug/l	
77) Bromobenzene	12.74	156	175353	51.463	ug/l	98
78) n-propylbenzene	12.80	91	879226	53.865	ug/l	100
79) 2-Chlorotoluene	12.89	91	484460	53.436	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	618472	52.468	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	43571	53.425	ug/l	96
82) 4-Chlorotoluene	12.99	91	507210	53.407	ug/l	99
83) tert-Butylbenzene	13.21	119	557004	54.099	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	616780	52.634	ug/l	99
85) sec-Butylbenzene	13.38	105	762999	53.749	ug/l	99
86) p-Isopropyltoluene	13.50	119	714453	54.307	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	336492	52.491	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	332841	51.857	ug/l	100
89) n-Butylbenzene	13.82	91	653790	55.122	ug/l	100
90) Hexachloroethane	14.09	117	121843	56.058	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	294614	51.989	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20142	56.067	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	218131	53.636	ug/l	99
94) Hexachlorobutadiene	15.24	225	143692	54.391	ug/l	99
95) Naphthalene	15.36	128	378056	55.107	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	187266	52.740	ug/l	99

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

