

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015836.D
 Acq On : 09 Jul 2020 18:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 10 06:30:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103761	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.89	113	91617	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.33	98	361577	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.62	95	139455	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52472	50.305	ug/l	97
3) Chloromethane	2.21	50	65029	45.906	ug/l	96
4) Vinyl Chloride	2.37	62	110422	50.486	ug/l	98
5) Bromomethane	2.78	94	82076	49.042	ug/l	99
6) Chloroethane	2.93	64	76366	51.736	ug/l	97
7) Trichlorofluoromethane	3.26	101	81831	52.059	ug/l	95
8) Diethyl Ether	3.68	74	50597	51.661	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	96940	52.683	ug/l	98
10) Methyl Iodide	4.28	142	135593	52.704	ug/l	100
11) Tert butyl alcohol	5.20	59	28712	270.338	ug/l	100
12) 1,1-Dichloroethene	4.04	96	93849	51.875	ug/l	98
13) Acrolein	3.90	56	33322	235.522	ug/l	99
14) Allyl chloride	4.67	41	153965	52.361	ug/l	100
15) Acrylonitrile	5.38	53	107651	281.124	ug/l	100
16) Acetone	4.14	43	96792	253.642	ug/l	98
17) Carbon Disulfide	4.39	76	271907	50.524	ug/l	100
18) Methyl Acetate	4.68	43	46761	53.845	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	153080	56.536	ug/l	96
20) Methylene Chloride	4.92	84	115738	59.949	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	110483	52.725	ug/l	93
22) Diisopropyl ether	6.32	45	327642	55.293	ug/l	99
23) Vinyl Acetate	6.26	43	994872	282.278	ug/l	99
24) 1,1-Dichloroethane	6.22	63	197655	52.685	ug/l	99
25) 2-Butanone	7.18	43	142995	276.056	ug/l	98
26) 2,2-Dichloropropane	7.17	77	118350	50.284	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	122275	54.344	ug/l	99
28) Bromochloromethane	7.51	49	73047	49.115	ug/l	100
29) Tetrahydrofuran	7.54	42	90695	288.531	ug/l	100
30) Chloroform	7.68	83	202791	52.878	ug/l	99
31) Cyclohexane	7.96	56	175740	49.773	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	168314	52.340	ug/l	99
36) 1,1-Dichloropropene	8.09	75	164296	53.161	ug/l	100
37) Ethyl Acetate	7.26	43	65312	54.388	ug/l	100
38) Carbon Tetrachloride	8.07	117	156392	52.296	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	198392	54.401	ug/l	98
40) Benzene	8.33	78	456954	53.977	ug/l	100
41) Methacrylonitrile	7.49	41	36478	53.506	ug/l	94
42) 1,2-Dichloroethane	8.40	62	143292	54.384	ug/l	99
43) Isopropyl Acetate	8.43	43	132040	56.331	ug/l	100
44) Trichloroethene	9.09	130	117687	52.558	ug/l	94
45) 1,2-Dichloropropane	9.37	63	111293	53.484	ug/l	98
46) Dibromomethane	9.46	93	59466	55.508	ug/l	99
47) Bromodichloromethane	9.65	83	152921	55.187	ug/l	98
48) Methyl methacrylate	9.44	41	62488	58.169	ug/l	98
49) 1,4-Dioxane	9.46	88	15969	1205.677	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	332077	290.324	ug/l	99
52) Toluene	10.39	92	297633	54.633	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	152084	57.202	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	176813	55.595	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	83361	56.115	ug/l	98
56) Ethyl methacrylate	10.65	69	109536	59.976	ug/l	99
57) 1,3-Dichloropropane	10.93	76	147283	56.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	248686	278.679	ug/l	100
59) 2-Hexanone	10.97	43	230790	302.346	ug/l	99
60) Dibromochloromethane	11.13	129	98500	57.413	ug/l	99
61) 1,2-Dibromoethane	11.24	107	78942	55.538	ug/l	98
64) Tetrachloroethene	10.87	164	99731	53.183	ug/l	94
65) Chlorobenzene	11.66	112	312256	53.885	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	112627	54.922	ug/l	100
67) Ethyl Benzene	11.73	91	587570	54.753	ug/l	97
68) m/p-Xylenes	11.84	106	442935	109.877	ug/l	100
69) o-Xylene	12.17	106	204297	55.520	ug/l	99
70) Styrene	12.18	104	357500	56.464	ug/l	99
71) Bromoform	12.35	173	52653	56.252	ug/l #	97
73) Isopropylbenzene	12.47	105	572890	52.601	ug/l	100
74) N-amyl acetate	12.27	43	130721	56.101	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	98768	54.578	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	70364m	51.788	ug/l	
77) Bromobenzene	12.75	156	130155	53.296	ug/l	96
78) n-propylbenzene	12.80	91	700712	53.006	ug/l	100
79) 2-Chlorotoluene	12.90	91	397087	52.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	502458	54.130	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	28271	47.392	ug/l	96
82) 4-Chlorotoluene	12.99	91	419234	53.254	ug/l	99
83) tert-Butylbenzene	13.21	119	418552	54.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	505523	54.533	ug/l	99
85) sec-Butylbenzene	13.38	105	592939	53.277	ug/l	100
86) p-Isopropyltoluene	13.50	119	546708	53.795	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	257829	52.669	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	250434	52.258	ug/l	99
89) n-Butylbenzene	13.82	91	535408	55.051	ug/l	99
90) Hexachloroethane	14.10	117	97194	52.764	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	220121	51.902	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16174	55.938	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	155359	58.104	ug/l	100
94) Hexachlorobutadiene	15.24	225	92616	54.556	ug/l	98
95) Naphthalene	15.37	128	278859	55.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	136475	59.984	ug/l	98

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

