

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011072.D
 Acq On : 28 Jun 2019 20:29
 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
 7/2/2019 12:53:02 AM

Quant Time: Jun 29 03:55:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	138986	52.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.38%	
35) Dibromofluoromethane	7.88	113	105769	51.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.12%	
50) Toluene-d8	10.32	98	437600	51.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.62	95	160222	51.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	69778	45.435	ug/l	99
3) Chloromethane	2.21	50	98337	47.764	ug/l	98
4) Vinyl Chloride	2.35	62	123940	46.235	ug/l	99
5) Bromomethane	2.77	94	65191	48.857	ug/l	99
6) Chloroethane	2.92	64	69839	49.415	ug/l	98
7) Trichlorofluoromethane	3.24	101	35690	45.306	ug/l	96
8) Diethyl Ether	3.67	74	64184	51.447	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106925	48.262	ug/l	100
10) Methyl Iodide	4.27	142	153788	49.613	ug/l	100
11) Tert butyl alcohol	5.17	59	46091	238.287	ug/l	98
12) 1,1-Dichloroethene	4.04	96	109471	47.470	ug/l	98
13) Acrolein	3.89	56	37696	249.915	ug/l	99
14) Allyl chloride	4.66	41	182501	49.170	ug/l	99
15) Acrylonitrile	5.36	53	165077	268.697	ug/l	100
16) Acetone	4.12	43	174329	268.163	ug/l	99
17) Carbon Disulfide	4.39	76	316792	48.421	ug/l	100
18) Methyl Acetate	4.67	43	84939	50.440	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	171527	52.550	ug/l	96
20) Methylene Chloride	4.92	84	126343	47.834	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	118017	49.663	ug/l	97
22) Diisopropyl ether	6.31	45	466130	52.187	ug/l	97
23) Vinyl Acetate	6.25	43	1481871	269.262	ug/l	100
24) 1,1-Dichloroethane	6.21	63	236796	50.225	ug/l	99
25) 2-Butanone	7.17	43	263697	266.858	ug/l	99
26) 2,2-Dichloropropane	7.16	77	102970	42.065	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	129479	50.604	ug/l	98
28) Bromochloromethane	7.51	49	106433	48.493	ug/l	100
29) Tetrahydrofuran	7.52	42	168193	273.425	ug/l	100
30) Chloroform	7.67	83	216529	50.552	ug/l	99
31) Cyclohexane	7.95	56	235278	46.184	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	158709	49.586	ug/l	99
36) 1,1-Dichloropropene	8.08	75	177256	48.614	ug/l	99
37) Ethyl Acetate	7.25	43	111952	52.779	ug/l	98
38) Carbon Tetrachloride	8.06	117	146261	48.710	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217029	48.366	ug/l	97
40) Benzene	8.32	78	500087	49.866	ug/l	100
41) Methacrylonitrile	7.48	41	70163	54.369	ug/l	99
42) 1,2-Dichloroethane	8.40	62	168042	51.105	ug/l	100
43) Isopropyl Acetate	8.42	43	214231	53.389	ug/l	100
44) Trichloroethene	9.09	130	119768	49.416	ug/l	100
45) 1,2-Dichloropropane	9.37	63	138298	50.783	ug/l	97
46) Dibromomethane	9.46	93	65382	51.334	ug/l	99
47) Bromodichloromethane	9.64	83	163847	51.959	ug/l	99
48) Methyl methacrylate	9.43	41	103410	53.150	ug/l	99
49) 1,4-Dioxane	9.45	88	23173	1082.090	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	572682	271.129	ug/l	100
52) Toluene	10.38	92	308109	50.182	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	169833	51.707	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	201963	51.546	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	93163	51.773	ug/l	98
56) Ethyl methacrylate	10.65	69	145994	54.180	ug/l	98
57) 1,3-Dichloropropane	10.93	76	176785	51.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	324376	237.922	ug/l	99
59) 2-Hexanone	10.97	43	404909	274.889	ug/l	99
60) Dibromochloromethane	11.13	129	100152	53.076	ug/l	98
61) 1,2-Dibromoethane	11.23	107	87715	52.070	ug/l	100
64) Tetrachloroethene	10.86	164	109798	51.918	ug/l	97
65) Chlorobenzene	11.66	112	309563	49.210	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	109982	51.495	ug/l	98
67) Ethyl Benzene	11.73	91	593422	49.253	ug/l	100
68) m/p-Xylenes	11.84	106	434844	99.463	ug/l	100
69) o-Xylene	12.16	106	204015	50.100	ug/l	99
70) Styrene	12.18	104	359542	50.810	ug/l	100
71) Bromoform	12.35	173	55397	53.205	ug/l #	99
73) Isopropylbenzene	12.46	105	565350	48.898	ug/l	100
74) N-amyl acetate	12.27	43	205320	52.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	115757	50.985	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81061m	49.750	ug/l	
77) Bromobenzene	12.75	156	125648	49.442	ug/l	100
78) n-propylbenzene	12.80	91	697019	48.683	ug/l	99
79) 2-Chlorotoluene	12.89	91	396683	48.496	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	481481	49.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34082	44.957	ug/l	100
82) 4-Chlorotoluene	12.99	91	415047	48.691	ug/l	100
83) tert-Butylbenzene	13.21	119	402637	49.272	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	490530	49.523	ug/l	99
85) sec-Butylbenzene	13.38	105	580605	48.909	ug/l	100
86) p-Isopropyltoluene	13.50	119	525550	49.196	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	249102	49.553	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	244715	48.766	ug/l	99
89) n-Butylbenzene	13.82	91	530999	48.904	ug/l	100
90) Hexachloroethane	14.10	117	89865	49.165	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	225496	49.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19821	51.369	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	163577	51.494	ug/l	99
94) Hexachlorobutadiene	15.24	225	95316	49.471	ug/l	99
95) Naphthalene	15.37	128	324311	54.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144723	51.022	ug/l	99

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

