

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011708.D
 Acq On : 05 Aug 2019 14:27
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 06 08:32:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159760	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	137325	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
35) Dibromofluoromethane	7.88	113	112383	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
50) Toluene-d8	10.32	98	464606	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.62	95	162733	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	67396	49.663	ug/l	95
3) Chloromethane	2.21	50	107407	45.643	ug/l	99
4) Vinyl Chloride	2.36	62	143326	50.591	ug/l	99
5) Bromomethane	2.78	94	74653	47.606	ug/l	100
6) Chloroethane	2.92	64	75911	46.908	ug/l	96
7) Trichlorofluoromethane	3.25	101	76947	60.773	ug/l	99
8) Diethyl Ether	3.68	74	70659	49.220	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130968	54.528	ug/l	99
10) Methyl Iodide	4.27	142	169658	49.984	ug/l	100
11) Tert butyl alcohol	5.23	59	41874	199.311	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	132398	52.208	ug/l	98
13) Acrolein	3.90	56	49203	245.246	ug/l	98
14) Allyl chloride	4.66	41	285624	52.955	ug/l	100
15) Acrylonitrile	5.37	53	165058	230.329	ug/l	99
16) Acetone	4.15	43	192451	216.376	ug/l	100
17) Carbon Disulfide	4.38	76	411177	51.804	ug/l	100
18) Methyl Acetate	4.67	43	87985	44.035	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	200103	49.724	ug/l	96
20) Methylene Chloride	4.92	84	143246	46.699	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	142059	51.959	ug/l	96
22) Diisopropyl ether	6.31	45	509999	50.151	ug/l	98
23) Vinyl Acetate	6.25	43	1604787	251.145	ug/l	100
24) 1,1-Dichloroethane	6.21	63	280516	51.506	ug/l	99
25) 2-Butanone	7.18	43	254222	218.434	ug/l	99
26) 2,2-Dichloropropane	7.16	77	162347	48.470	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	149857	49.802	ug/l	99
28) Bromochloromethane	7.51	49	128256	53.055	ug/l #	99
29) Tetrahydrofuran	7.54	42	151399	227.578	ug/l	99
30) Chloroform	7.67	83	254205	50.592	ug/l	98
31) Cyclohexane	7.95	56	266075	50.894	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	207689	54.276	ug/l	100
36) 1,1-Dichloropropene	8.08	75	220078	55.391	ug/l	100
37) Ethyl Acetate	7.26	43	110337	48.269	ug/l	98
38) Carbon Tetrachloride	8.07	117	190304	55.950	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	249544	57.039	ug/l	97
40) Benzene	8.32	78	585025	52.567	ug/l	99
41) Methacrylonitrile	7.48	41	70087	51.292	ug/l	94
42) 1,2-Dichloroethane	8.40	62	180073	51.680	ug/l	100
43) Isopropyl Acetate	8.42	43	210224	50.007	ug/l	100
44) Trichloroethene	9.09	130	143591	53.682	ug/l	99
45) 1,2-Dichloropropane	9.37	63	155523	52.228	ug/l	98
46) Dibromomethane	9.46	93	70357	51.767	ug/l	98
47) Bromodichloromethane	9.64	83	188572	52.893	ug/l	98
48) Methyl methacrylate	9.43	41	100920	49.975	ug/l	97
49) 1,4-Dioxane	9.48	88	17830	906.034	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	534140	244.272	ug/l	99
52) Toluene	10.38	92	359960	53.559	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	193643	51.996	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	232417	52.487	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98093	50.868	ug/l	97
56) Ethyl methacrylate	10.65	69	145340	51.505	ug/l	100
57) 1,3-Dichloropropane	10.93	76	185888	50.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	387292	302.281	ug/l	100
59) 2-Hexanone	10.97	43	378389	245.082	ug/l	99
60) Dibromochloromethane	11.13	129	112035	52.339	ug/l	100
61) 1,2-Dibromoethane	11.23	107	91499	50.139	ug/l	100
64) Tetrachloroethene	10.86	164	117455	54.659	ug/l	97
65) Chlorobenzene	11.66	112	353403	53.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	123572	53.466	ug/l	99
67) Ethyl Benzene	11.73	91	694088	54.925	ug/l	99
68) m/p-Xylenes	11.84	106	499113	108.604	ug/l	99
69) o-Xylene	12.16	106	231820	54.282	ug/l	99
70) Styrene	12.18	104	401171	54.330	ug/l	100
71) Bromoform	12.35	173	62576	53.102	ug/l #	98
73) Isopropylbenzene	12.46	105	656986	55.123	ug/l	100
74) N-amyl acetate	12.27	43	193816	51.942	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	115453	51.499	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78081m	46.190	ug/l	
77) Bromobenzene	12.74	156	139887	53.101	ug/l	99
78) n-propylbenzene	12.80	91	803746	55.412	ug/l	100
79) 2-Chlorotoluene	12.89	91	450042	53.857	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	552457	55.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39760	54.206	ug/l	99
82) 4-Chlorotoluene	12.99	91	476741	54.376	ug/l	99
83) tert-Butylbenzene	13.21	119	468565	56.084	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	549647	54.614	ug/l	100
85) sec-Butylbenzene	13.38	105	666268	55.890	ug/l	100
86) p-Isopropyltoluene	13.50	119	605912	56.019	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	274846	53.209	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	272691	53.070	ug/l	100
89) n-Butylbenzene	13.82	91	610033	56.517	ug/l	99
90) Hexachloroethane	14.09	117	106240	55.548	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	240910	52.733	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19548	51.133	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	172656	53.624	ug/l	99
94) Hexachlorobutadiene	15.24	225	112449	56.003	ug/l	97
95) Naphthalene	15.36	128	307440	48.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	150519	53.332	ug/l	99

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

