

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011762.D
 Acq On : 07 Aug 2019 19:56
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 9:30:55 AM

Quant Time: Aug 08 09:15:38 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	232676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144478	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	7.88	113	116247	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
50) Toluene-d8	10.32	98	470835	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.62	95	166696	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	60756	46.853	ug/l	98
3) Chloromethane	2.21	50	100404	44.652	ug/l	97
4) Vinyl Chloride	2.36	62	131219	48.472	ug/l	100
5) Bromomethane	2.76	94	63991	42.705	ug/l	99
6) Chloroethane	2.91	64	75692	48.949	ug/l	99
7) Trichlorofluoromethane	3.25	101	72331	59.785	ug/l	95
8) Diethyl Ether	3.68	74	71326	51.997	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	121419	52.905	ug/l	98
10) Methyl Iodide	4.27	142	170548	52.584	ug/l	99
11) Tert butyl alcohol	5.18	59	44929	226.162	ug/l	100
12) 1,1-Dichloroethene	4.04	96	122865	50.703	ug/l	98
13) Acrolein	3.89	56	39829	207.759	ug/l	98
14) Allyl chloride	4.66	41	278410	54.019	ug/l	99
15) Acrylonitrile	5.37	53	180672	263.848	ug/l	100
16) Acetone	4.12	43	168624	198.408	ug/l	99
17) Carbon Disulfide	4.38	76	370349	48.831	ug/l	99
18) Methyl Acetate	4.67	43	98085	51.374	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	208669	54.265	ug/l	96
20) Methylene Chloride	4.92	84	138134	47.127	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	139736	53.487	ug/l	96
22) Diisopropyl ether	6.31	45	529714	54.514	ug/l	97
23) Vinyl Acetate	6.25	43	1663891	272.510	ug/l	100
24) 1,1-Dichloroethane	6.21	63	284014	54.574	ug/l	99
25) 2-Butanone	7.17	43	259994	233.787	ug/l	99
26) 2,2-Dichloropropane	7.16	77	155291	48.521	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	152374	52.994	ug/l	99
28) Bromochloromethane	7.51	49	118201	51.171	ug/l #	99
29) Tetrahydrofuran	7.53	42	165445	260.263	ug/l	99
30) Chloroform	7.67	83	258384	53.817	ug/l	97
31) Cyclohexane	7.95	56	255687	51.183	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	203509	55.658	ug/l	99
36) 1,1-Dichloropropene	8.08	75	215397	55.239	ug/l	99
37) Ethyl Acetate	7.25	43	118700	52.910	ug/l	99
38) Carbon Tetrachloride	8.07	117	185473	55.562	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241271	56.192	ug/l	98
40) Benzene	8.32	78	593876	54.372	ug/l	100
41) Methacrylonitrile	7.48	41	71103	53.020	ug/l	95
42) 1,2-Dichloroethane	8.40	62	187640	54.871	ug/l	100
43) Isopropyl Acetate	8.42	43	224114	54.320	ug/l	99
44) Trichloroethene	9.09	130	145067	55.260	ug/l	100
45) 1,2-Dichloropropane	9.37	63	161373	55.218	ug/l	100
46) Dibromomethane	9.46	93	72078	54.037	ug/l	100
47) Bromodichloromethane	9.65	83	193324	55.253	ug/l	98
48) Methyl methacrylate	9.43	41	108646	54.819	ug/l	97
49) 1,4-Dioxane	9.46	88	19557	1012.605	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	570251	265.723	ug/l	99
52) Toluene	10.39	92	361717	54.839	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	199590	54.607	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	239456	55.101	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	100669	53.192	ug/l	99
56) Ethyl methacrylate	10.65	69	153842	55.550	ug/l	99
57) 1,3-Dichloropropane	10.93	76	195061	54.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	378893	301.324	ug/l	100
59) 2-Hexanone	10.97	43	389233	256.878	ug/l	100
60) Dibromochloromethane	11.13	129	115218	54.845	ug/l	99
61) 1,2-Dibromoethane	11.23	107	95762	53.469	ug/l	99
64) Tetrachloroethene	10.86	164	119313	55.130	ug/l	98
65) Chlorobenzene	11.66	112	361283	54.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	130296	55.977	ug/l	99
67) Ethyl Benzene	11.73	91	710637	55.836	ug/l	99
68) m/p-Xylenes	11.84	106	509951	110.176	ug/l	99
69) o-Xylene	12.16	106	239779	55.748	ug/l	100
70) Styrene	12.18	104	415447	55.865	ug/l	100
71) Bromoform	12.35	173	64652	54.476	ug/l #	98
73) Isopropylbenzene	12.46	105	668507	56.281	ug/l	99
74) N-amyl acetate	12.27	43	206263	55.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	118963	53.245	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	84842m	50.360	ug/l	
77) Bromobenzene	12.74	156	144220	54.932	ug/l	100
78) n-propylbenzene	12.80	91	816797	56.503	ug/l	100
79) 2-Chlorotoluene	12.89	91	464048	55.722	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	565589	56.804	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39805	54.452	ug/l	98
82) 4-Chlorotoluene	12.99	91	481346	55.088	ug/l	99
83) tert-Butylbenzene	13.21	119	478566	57.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	564385	56.269	ug/l	99
85) sec-Butylbenzene	13.38	105	676528	56.944	ug/l	100
86) p-Isopropyltoluene	13.50	119	610376	56.624	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	279009	54.199	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	277117	54.115	ug/l	100
89) n-Butylbenzene	13.82	91	608380	56.555	ug/l	100
90) Hexachloroethane	14.10	117	106617	55.934	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	245607	53.943	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20477	53.745	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	176846	55.112	ug/l	100
94) Hexachlorobutadiene	15.24	225	113085	56.511	ug/l	98
95) Naphthalene	15.36	128	326845	51.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	153087	54.426	ug/l	99

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

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