

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011839.D
 Acq On : 12 Aug 2019 09:19
 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
 8/13/2019 4:32:10 PM

Quant Time: Aug 13 07:54:04 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	234723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125587	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.88	113	102026	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.32	98	418091	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.62	95	144930	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	63014	48.170	ug/l	95
3) Chloromethane	2.20	50	94813	41.798	ug/l	98
4) Vinyl Chloride	2.35	62	131219	48.049	ug/l	98
5) Bromomethane	2.78	94	70299	46.506	ug/l	99
6) Chloroethane	2.92	64	73747	47.275	ug/l	100
7) Trichlorofluoromethane	3.25	101	74318	60.892	ug/l	97
8) Diethyl Ether	3.68	74	62428	45.113	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	118826	51.323	ug/l	99
10) Methyl Iodide	4.26	142	161141	49.251	ug/l	98
11) Tert butyl alcohol	5.30	59	20593	92.279	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	120161	49.155	ug/l	97
13) Acrolein	3.91	56	39260	203.005	ug/l	98
14) Allyl chloride	4.67	41	261075	50.214	ug/l	99
15) Acrylonitrile	5.38	53	152672	221.013	ug/l	99
16) Acetone	4.18	43	226474	264.153	ug/l	99
17) Carbon Disulfide	4.37	76	368083	48.109	ug/l	100
18) Methyl Acetate	4.69	43	80230	41.655	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	182225	46.975	ug/l	96
20) Methylene Chloride	4.91	84	128170	43.347	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	128345	48.699	ug/l	99
22) Diisopropyl ether	6.31	45	465555	47.493	ug/l	95
23) Vinyl Acetate	6.26	43	1439152	233.647	ug/l	99
24) 1,1-Dichloroethane	6.21	63	257170	48.985	ug/l	99
25) 2-Butanone	7.19	43	256478	228.614	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150338	46.564	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135964	46.875	ug/l	100
28) Bromochloromethane	7.51	49	110107	47.251	ug/l	100
29) Tetrahydrofuran	7.54	42	136380	212.669	ug/l	98
30) Chloroform	7.67	83	232167	47.934	ug/l	98
31) Cyclohexane	7.95	56	236465	46.922	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	188372	51.069	ug/l	99
36) 1,1-Dichloropropene	8.08	75	198770	51.869	ug/l	99
37) Ethyl Acetate	7.26	43	99250	45.017	ug/l	99
38) Carbon Tetrachloride	8.07	117	175142	53.387	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	212856	50.444	ug/l	98
40) Benzene	8.32	78	534657	49.809	ug/l	100
41) Methacrylonitrile	7.49	41	58939	44.721	ug/l	97
42) 1,2-Dichloroethane	8.40	62	163724	48.717	ug/l	99
43) Isopropyl Acetate	8.43	43	185412	45.728	ug/l	100
44) Trichloroethene	9.09	130	130084	50.422	ug/l	97
45) 1,2-Dichloropropane	9.37	63	141419	49.239	ug/l	98
46) Dibromomethane	9.46	93	63919	48.761	ug/l	97
47) Bromodichloromethane	9.64	83	172758	50.241	ug/l	100
48) Methyl methacrylate	9.44	41	87762	45.059	ug/l	98
49) 1,4-Dioxane	9.52	88	8225	433.337	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	478618	226.936	ug/l	100
52) Toluene	10.38	92	323178	49.856	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	174930	48.700	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	210266	49.233	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88701	47.690	ug/l	100
56) Ethyl methacrylate	10.65	69	128868	47.349	ug/l	98
57) 1,3-Dichloropropane	10.93	76	168068	47.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	351108	284.126	ug/l	100
59) 2-Hexanone	10.97	43	395162	265.366	ug/l	99
60) Dibromochloromethane	11.13	129	101486	49.156	ug/l	99
61) 1,2-Dibromoethane	11.23	107	82784	47.033	ug/l	99
64) Tetrachloroethene	10.86	164	104138	50.502	ug/l	100
65) Chlorobenzene	11.66	112	316039	49.636	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	112801	50.861	ug/l	100
67) Ethyl Benzene	11.73	91	622869	51.364	ug/l	100
68) m/p-Xylenes	11.84	106	450796	102.220	ug/l	100
69) o-Xylene	12.16	106	207015	50.515	ug/l	98
70) Styrene	12.18	104	360807	50.921	ug/l	100
71) Bromoform	12.35	173	56359	49.841	ug/l #	96
73) Isopropylbenzene	12.46	105	584746	51.046	ug/l	99
74) N-amyl acetate	12.27	43	169285	47.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	102433	47.539	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	72559m	44.659	ug/l	
77) Bromobenzene	12.75	156	125920	49.732	ug/l	100
78) n-propylbenzene	12.80	91	715848	51.348	ug/l	99
79) 2-Chlorotoluene	12.89	91	401792	50.027	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	489995	51.028	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34812	49.380	ug/l	98
82) 4-Chlorotoluene	12.99	91	415759	49.338	ug/l	99
83) tert-Butylbenzene	13.21	119	409677	51.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	485085	50.148	ug/l	100
85) sec-Butylbenzene	13.38	105	578951	50.529	ug/l	100
86) p-Isopropyltoluene	13.50	119	521399	50.155	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	245085	49.366	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	242442	49.091	ug/l	99
89) n-Butylbenzene	13.82	91	518762	50.004	ug/l	100
90) Hexachloroethane	14.09	117	94685	51.508	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	212170	48.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17335	47.178	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	148830	48.093	ug/l	100
94) Hexachlorobutadiene	15.24	225	95258	49.360	ug/l	98
95) Naphthalene	15.36	128	269539	44.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	130001	47.924	ug/l	99

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

