

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014739.D
 Acq On : 24 Jan 2020 11:52
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:04:43 PM

Quant Time: Jan 24 12:42:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	725781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1098749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	957323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	464477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	356703	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
35) Dibromofluoromethane	7.88	113	335190	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.32	98	1404852	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.62	95	471552	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	251140	58.552	ug/l	100
3) Chloromethane	2.21	50	292346	55.412	ug/l	100
4) Vinyl Chloride	2.36	62	482185	61.718	ug/l	100
5) Bromomethane	2.78	94	272952	57.606	ug/l	100
6) Chloroethane	2.92	64	272564	61.571	ug/l	100
7) Trichlorofluoromethane	3.26	101	238350	61.451	ug/l	100
8) Diethyl Ether	3.67	74	190852	51.670	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	368256	52.638	ug/l	100
10) Methyl Iodide	4.27	142	533007	50.936	ug/l	100
11) Tert butyl alcohol	5.16	59	114590	212.424	ug/l	100
12) 1,1-Dichloroethene	4.04	96	385025	52.606	ug/l	100
13) Acrolein	3.89	56	115257	216.944	ug/l	100
14) Allyl chloride	4.66	41	642940	56.718	ug/l	100
15) Acrylonitrile	5.36	53	436967	261.857	ug/l	100
16) Acetone	4.11	43	418063	236.938	ug/l	100
17) Carbon Disulfide	4.38	76	1224499	54.988	ug/l	100
18) Methyl Acetate	4.67	43	193312	45.943	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	494693	54.542	ug/l	100
20) Methylene Chloride	4.91	84	403956	47.957	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	410705	52.840	ug/l	100
22) Diisopropyl ether	6.31	45	1206461	56.840	ug/l	100
23) Vinyl Acetate	6.25	43	3581569	283.227	ug/l	100
24) 1,1-Dichloroethane	6.21	63	725929	54.539	ug/l	100
25) 2-Butanone	7.17	43	575877	254.007	ug/l	100
26) 2,2-Dichloropropane	7.16	77	387225	52.502	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	426450	52.321	ug/l	100
28) Bromochloromethane	7.51	49	274627	53.136	ug/l	100
29) Tetrahydrofuran	7.52	42	367341	260.151	ug/l	100
30) Chloroform	7.67	83	672560	54.118	ug/l	100
31) Cyclohexane	7.95	56	717775	52.022	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	541760	54.260	ug/l	100
36) 1,1-Dichloropropene	8.08	75	578375	53.802	ug/l	100
37) Ethyl Acetate	7.24	43	245899	51.725	ug/l	100
38) Carbon Tetrachloride	8.06	117	498486	53.493	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	708687	51.789	ug/l	100
40) Benzene	8.32	78	1616357	53.179	ug/l	100
41) Methacrylonitrile	7.48	41	141168	52.927	ug/l	100
42) 1,2-Dichloroethane	8.40	62	433151	54.743	ug/l	100
43) Isopropyl Acetate	8.42	43	459692	52.853	ug/l	100
44) Trichloroethene	9.09	130	412534	50.595	ug/l	100
45) 1,2-Dichloropropane	9.37	63	401622	53.794	ug/l	100
46) Dibromomethane	9.46	93	187896	51.743	ug/l	100
47) Bromodichloromethane	9.64	83	493999	54.345	ug/l	100
48) Methyl methacrylate	9.43	41	215532	51.285	ug/l	100
49) 1,4-Dioxane	9.44	88	67702	1017.901	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1195465	265.901	ug/l	100
52) Toluene	10.38	92	995357	52.362	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	492901	52.946	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	608416	53.250	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	268494	50.788	ug/l	100
56) Ethyl methacrylate	10.64	69	363692	53.208	ug/l	100
57) 1,3-Dichloropropane	10.93	76	489082	52.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	574280	273.955	ug/l	100
59) 2-Hexanone	10.96	43	817713	265.577	ug/l	100
60) Dibromochloromethane	11.13	129	303021	50.807	ug/l	100
61) 1,2-Dibromoethane	11.23	107	249121	49.935	ug/l	100
64) Tetrachloroethene	10.86	164	337083	48.758	ug/l	100
65) Chlorobenzene	11.65	112	1000551	50.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	341949	51.608	ug/l	100
67) Ethyl Benzene	11.73	91	1867463	52.439	ug/l	100
68) m/p-Xylenes	11.83	106	1407752	103.532	ug/l	100
69) o-Xylene	12.16	106	646190	51.487	ug/l	100
70) Styrene	12.18	104	1108073	52.266	ug/l	100
71) Bromoform	12.35	173	174614	49.162	ug/l	# 100
73) Isopropylbenzene	12.46	105	1744592	50.933	ug/l	100
74) N-amyl acetate	12.27	43	417758	54.512	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	303980	49.810	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	228331m	52.569	ug/l	
77) Bromobenzene	12.74	156	405877	51.004	ug/l	100
78) n-propylbenzene	12.80	91	2139411	52.724	ug/l	100
79) 2-Chlorotoluene	12.89	91	1199626	51.988	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1501552	51.964	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	101207	51.883	ug/l	100
82) 4-Chlorotoluene	12.99	91	1252850	52.192	ug/l	100
83) tert-Butylbenzene	13.21	119	1295954	51.387	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1506009	52.321	ug/l	100
85) sec-Butylbenzene	13.38	105	1814720	51.841	ug/l	100
86) p-Isopropyltoluene	13.49	119	1673355	52.393	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	786622	50.793	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	764749	50.154	ug/l	100
89) n-Butylbenzene	13.82	91	1598593	53.750	ug/l	100
90) Hexachloroethane	14.09	117	285178	51.303	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	690261	50.702	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	48461	50.279	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	469187	51.505	ug/l	100
94) Hexachlorobutadiene	15.24	225	309702	50.323	ug/l	100
95) Naphthalene	15.36	128	820044	53.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	408267	51.505	ug/l	100

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

