

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014718.D
 Acq On : 23 Jan 2020 10:18
 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
 1/24/2020 4:02:26 PM

Quant Time: Jan 24 04:34:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	693283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1024669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	876153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	428525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	322090	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.88	113	316480	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
50) Toluene-d8	10.32	98	1298454	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	438482	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	181814	46.447	ug/l	99
3) Chloromethane	2.21	50	250005	52.178	ug/l	98
4) Vinyl Chloride	2.36	62	378732	53.742	ug/l	98
5) Bromomethane	2.77	94	222268	51.056	ug/l	100
6) Chloroethane	2.92	64	215781	53.714	ug/l	99
7) Trichlorofluoromethane	3.25	101	220575	62.557	ug/l	98
8) Diethyl Ether	3.68	74	170354	48.558	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	347238	52.706	ug/l	98
10) Methyl Iodide	4.27	142	485867	48.878	ug/l	97
11) Tert butyl alcohol	5.17	59	97312	203.996	ug/l	97
12) 1,1-Dichloroethene	4.04	96	357699	51.846	ug/l	94
13) Acrolein	3.89	56	138259	261.335	ug/l	98
14) Allyl chloride	4.67	41	583782	55.371	ug/l	98
15) Acrylonitrile	5.36	53	378822	236.232	ug/l	100
16) Acetone	4.12	43	430034	251.253	ug/l	97
17) Carbon Disulfide	4.38	76	1049370	50.465	ug/l	98
18) Methyl Acetate	4.67	43	191106	46.232	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	424472	49.564	ug/l	99
20) Methylene Chloride	4.91	84	371310	53.997	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	378971	51.732	ug/l	95
22) Diisopropyl ether	6.31	45	1064606	53.948	ug/l	98
23) Vinyl Acetate	6.25	43	3088997	259.221	ug/l	98
24) 1,1-Dichloroethane	6.21	63	680131	54.638	ug/l	100
25) 2-Butanone	7.17	43	522231	237.757	ug/l	97
26) 2,2-Dichloropropane	7.16	77	366715	53.211	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	394627	51.266	ug/l	95
28) Bromochloromethane	7.51	49	286656	58.739	ug/l	93
29) Tetrahydrofuran	7.52	42	309128	227.176	ug/l	97
30) Chloroform	7.67	83	625552	53.739	ug/l	99
31) Cyclohexane	7.95	56	654017	50.556	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	508202	54.284	ug/l	98
36) 1,1-Dichloropropene	8.08	75	533998	54.058	ug/l	99
37) Ethyl Acetate	7.24	43	213715	47.703	ug/l	97
38) Carbon Tetrachloride	8.07	117	465971	54.372	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	652829	51.498	ug/l	95
40) Benzene	8.32	78	1488405	53.254	ug/l	100
41) Methacrylonitrile	7.48	41	136383	54.611	ug/l	90
42) 1,2-Dichloroethane	8.40	62	379842	52.370	ug/l	98
43) Isopropyl Acetate	8.42	43	391542	48.128	ug/l	98
44) Trichloroethene	9.09	130	390550	51.641	ug/l	100
45) 1,2-Dichloropropane	9.37	63	365993	53.364	ug/l	98
46) Dibromomethane	9.45	93	168384	49.732	ug/l	98
47) Bromodichloromethane	9.64	83	447474	53.531	ug/l	100
48) Methyl methacrylate	9.43	41	179489	45.188	ug/l	95
49) 1,4-Dioxane	9.45	88	58595	925.287	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1006671	238.281	ug/l	98
52) Toluene	10.38	92	921773	52.424	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	439406	50.770	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	550396	52.033	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	241844	48.908	ug/l	99
56) Ethyl methacrylate	10.64	69	313890	48.844	ug/l	97
57) 1,3-Dichloropropane	10.93	76	431512	49.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	543540	278.101	ug/l	98
59) 2-Hexanone	10.96	43	720496	247.490	ug/l	98
60) Dibromochloromethane	11.13	129	278199	49.863	ug/l	98
61) 1,2-Dibromoethane	11.23	107	224357	47.798	ug/l	99
64) Tetrachloroethene	10.86	164	320235	50.486	ug/l	98
65) Chlorobenzene	11.65	112	932492	51.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	317404	52.519	ug/l	100
67) Ethyl Benzene	11.73	91	1731796	53.536	ug/l	98
68) m/p-Xylenes	11.83	106	1311325	105.920	ug/l	99
69) o-Xylene	12.16	106	598626	52.346	ug/l	98
70) Styrene	12.18	104	1037769	53.651	ug/l	99
71) Bromoform	12.35	173	155733	47.242	ug/l #	99
73) Isopropylbenzene	12.46	105	1660351	52.805	ug/l	99
74) N-amyl acetate	12.27	43	346157	49.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	270819	47.719	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	203954m	50.339	ug/l	
77) Bromobenzene	12.74	156	367951	50.384	ug/l	97
78) n-propylbenzene	12.80	91	2004884	54.225	ug/l	99
79) 2-Chlorotoluene	12.89	91	1103639	52.452	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1388468	52.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	89215	49.060	ug/l	97
82) 4-Chlorotoluene	12.99	91	1151046	52.655	ug/l	100
83) tert-Butylbenzene	13.20	119	1218559	52.718	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1379934	52.524	ug/l	99
85) sec-Butylbenzene	13.38	105	1684507	52.650	ug/l	100
86) p-Isopropyltoluene	13.49	119	1546184	53.019	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	731678	51.523	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	710517	50.679	ug/l	99
89) n-Butylbenzene	13.82	91	1471074	54.320	ug/l	99
90) Hexachloroethane	14.09	117	267702	52.547	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	621889	49.824	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	40548	45.117	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	438656	52.042	ug/l	100
94) Hexachlorobutadiene	15.24	225	292309	51.750	ug/l	96
95) Naphthalene	15.36	128	739351	51.433	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	384047	52.272	ug/l	98

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

