

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020130.D
 Acq On : 22 Jan 2021 01:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Jan 22 06:49:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	419326	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	397011	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	212867	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	152393	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.569	69	121687	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.113	63	273873	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
21) 2-Butanone-d5	3.894	46	243484	114.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.15%
24) Chloroform-d	4.354	84	303492	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.036	65	202407	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.26%
32) Benzene-d6	5.055	84	552228	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
36) 1,2-Dichloropropane-d6	6.074	67	179768	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.16%
41) Toluene-d8	7.318	98	501126	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%
43) trans-1,3-Dichloroprop...	7.624	79	82520	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
47) 2-Hexanone-d5	8.093	63	161427	112.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.51%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	258788	54.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.54%
64) 1,2-Dichlorobenzene-d4	11.630	152	198858	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	165260	46.91	ug/L	100
3) Chloromethane	1.245	50	184187	52.38	ug/L	99
5) Vinyl chloride	1.312	62	180305	49.64	ug/L	100
6) Bromomethane	1.524	94	112012	48.89	ug/L	97
8) Chloroethane	1.586	64	109046	46.82	ug/L	99
9) Trichlorofluoromethane	1.753	101	226910	43.83	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	122803	41.41	ug/L	94
12) 1,1-Dichloroethene	2.119	96	126514	44.41	ug/L	92
13) Acetone	2.187	43	167740	91.42	ug/L	100
14) Carbon disulfide	2.296	76	388583	46.82	ug/L	99
15) Methyl Acetate	2.438	43	182471	54.06	ug/L	99
16) Methylene chloride	2.508	84	165021	53.35	ug/L	95
17) trans-1,2-Dichloroethene	2.762	96	146055	51.61	ug/L	97
18) Methyl tert-butyl Ether	2.772	73	487028	53.15	ug/L	99
19) 1,1-Dichloroethane	3.193	63	287049	53.14	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	162042	53.41	ug/L	97
22) 2-Butanone	3.978	43	253797	110.07	ug/L	99
23) Bromochloromethane	4.254	128	82894	52.15	ug/L	91
25) Chloroform	4.380	83	292913	51.68	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	245227	50.70	ug/L	99
29) Cyclohexane	4.685	56	208593	45.16	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	251380	50.90	ug/L	98
31) Carbon tetrachloride	4.833	117	201375	47.41	ug/L	98
33) Benzene	5.103	78	608603	51.02	ug/L	100
34) Trichloroethene	5.920	95	164249	48.69	ug/L	97
35) Methylcyclohexane	6.135	83	204552	42.46	ug/L	98
37) 1,2-Dichloropropane	6.177	63	160473	51.46	ug/L	99
38) Bromodichloromethane	6.515	83	212872	49.85	ug/L	100
39) cis-1,3-Dichloropropene	7.032	75	238039	49.38	ug/L	98
40) 4-Methyl-2-pentanone	7.232	43	514476	110.10	ug/L	99
42) Toluene	7.392	91	632523	49.97	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	235213	51.42	ug/L	98
45) 1,1,2-Trichloroethane	7.843	97	156331	50.91	ug/L	99
46) Tetrachloroethene	7.981	164	112573	44.71	ug/L	95
48) 2-Hexanone	8.145	43	383184	105.92	ug/L	97
49) Dibromochloromethane	8.251	129	165112	49.76	ug/L	95
50) 1,2-Dibromoethane	8.357	107	169918	50.64	ug/L	99
51) Chlorobenzene	8.887	112	403785	48.53	ug/L	99
52) Ethylbenzene	9.016	91	660982	47.43	ug/L	100
53) m,p-Xylene	9.145	106	251480	49.55	ug/L	96
54) o-xylene	9.550	106	251285	49.24	ug/L	98
55) Styrene	9.566	104	456666	51.14	ug/L	98
56) Isopropylbenzene	9.936	105	645556	47.38	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.248	83	248149	53.63	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	219199	53.22	ug/L	99
61) Bromoform	9.736	173	113733	52.56	ug/L	98
62) 1,3-Dichlorobenzene	11.186	146	313902	48.47	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	319105	47.29	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	321234	48.96	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	51486	47.33	ug/L	96
67) 1,3,5-Trichlorobenzene	12.653	180	196643	39.19	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	183398	41.39	ug/L	98
69) Naphthalene	13.511	128	654015	50.87	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	213186	48.94	ug/L	99

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

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