

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020099.D
 Acq On : 21 Jan 2021 00:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Jan 21 01:08:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	435001	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	416879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	227251	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	147598	54.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.16%
7) Chloroethane-d5	1.569	69	111688	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.18%
11) 1,1-Dichloroethene-d2	2.113	63	271284	49.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.54%
21) 2-Butanone-d5	3.888	46	224426	118.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.01%
24) Chloroform-d	4.354	84	313094	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
26) 1,2-Dichloroethane-d4	5.036	65	204874	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
32) Benzene-d6	5.055	84	594561	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.88%
36) 1,2-Dichloropropane-d6	6.074	67	186522	57.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.80%
41) Toluene-d8	7.322	98	536496	51.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.42%
43) trans-1,3-Dichloroprop...	7.624	79	89683	49.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.48%
47) 2-Hexanone-d5	8.090	63	155280	116.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.74%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	255787	56.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.92%
64) 1,2-Dichlorobenzene-d4	11.630	152	224664	50.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.02%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	172501	46.94	ug/L	99
3) Chloromethane	1.245	50	166379	61.81	ug/L	99
5) Vinyl chloride	1.312	62	165963	56.54	ug/L	100
6) Bromomethane	1.524	94	100443	49.37	ug/L	100
8) Chloroethane	1.586	64	90871	52.43	ug/L	99
9) Trichlorofluoromethane	1.756	101	222117	43.31	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	116912	44.54	ug/L	93
12) 1,1-Dichloroethene	2.122	96	122205	50.05	ug/L	81
13) Acetone	2.180	43	144517	89.01	ug/L	100
14) Carbon disulfide	2.299	76	408466	51.51	ug/L	99
15) Methyl Acetate	2.434	43	164357	60.11	ug/L	95
16) Methylene chloride	2.508	84	162981	54.00	ug/L	92
17) trans-1,2-Dichloroethene	2.762	96	150260	51.45	ug/L	95
18) Methyl tert-butyl Ether	2.772	73	477652	51.45	ug/L	98
19) 1,1-Dichloroethane	3.193	63	279614	54.13	ug/L	100
20) cis-1,2-Dichloroethene	3.917	96	166587	53.37	ug/L	90
22) 2-Butanone	3.971	43	232827	112.68	ug/L	100
23) Bromochloromethane	4.254	128	88134	50.17	ug/L	# 84
25) Chloroform	4.380	83	299153	52.31	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	239853	50.67	ug/L	97
29) Cyclohexane	4.685	56	211550	49.43	ug/L	94
30) 1,1,1-Trichloroethane	4.614	97	257054	48.40	ug/L	97
31) Carbon tetrachloride	4.833	117	214515	45.66	ug/L	100
33) Benzene	5.103	78	620825	54.73	ug/L	100
34) Trichloroethene	5.920	95	166769	48.79	ug/L	96
35) Methylcyclohexane	6.135	83	212294	44.33	ug/L	96
37) 1,2-Dichloropropane	6.177	63	160906	57.87	ug/L	98
38) Bromodichloromethane	6.515	83	217816	52.05	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	237157	50.75	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	462682	121.24	ug/L	97
42) Toluene	7.392	91	647032	52.13	ug/L	100
44) trans-1,3-Dichloropropene	7.656	75	237880	51.21	ug/L	98
45) 1,1,2-Trichloroethane	7.843	97	159628	53.18	ug/L	98
46) Tetrachloroethene	7.981	164	123801	45.63	ug/L	95
48) 2-Hexanone	8.142	43	364799	120.97	ug/L	98
49) Dibromochloromethane	8.251	129	173364	49.64	ug/L	97
50) 1,2-Dibromoethane	8.357	107	173142	52.53	ug/L #	98
51) Chlorobenzene	8.887	112	423804	49.58	ug/L	97
52) Ethylbenzene	9.016	91	699974	48.85	ug/L	99
53) m,p-Xylene	9.145	106	267387	48.65	ug/L	95
54) o-xylene	9.550	106	263991	49.46	ug/L	96
55) Styrene	9.566	104	471193	51.43	ug/L	96
56) Isopropylbenzene	9.936	105	680643	47.36	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.248	83	244388	55.11	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	212100	54.14	ug/L	100
61) Bromoform	9.736	173	121388	50.69	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	340042	49.57	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	351268	49.77	ug/L	96
65) 1,2-Dichlorobenzene	11.649	146	351528	51.10	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	56918	55.50	ug/L	89
67) 1,3,5-Trichlorobenzene	12.653	180	253741	46.98	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	230490	47.31	ug/L	98
69) Naphthalene	13.511	128	696570	54.00	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	235218	50.71	ug/L	99

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

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