

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072322\
 Data File : VW026912.D
 Acq On : 23 Jul 2022 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050306

Quant Time: Jul 25 01:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	537947	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	552005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	316119	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	202426	44.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.740%
7) Chloroethane-d5	1.561	69	175353	48.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	2.101	63	378420	46.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
21) 2-Butanone-d5	3.879	46	291851	95.967	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.970%
24) Chloroform-d	4.339	84	433989	48.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
26) 1,2-Dichloroethane-d4	5.024	65	248881	49.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.000%
32) Benzene-d6	5.040	84	844840	50.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.260%
36) 1,2-Dichloropropane-d6	6.063	67	264022	49.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.200%
41) Toluene-d8	7.310	98	774579	53.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.120%
43) trans-1,3-Dichloroprop...	7.616	79	95578	42.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.840%
47) 2-Hexanone-d5	8.085	63	231440	98.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.850%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	400927	49.080	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.160%
66) 1,2-Dichlorobenzene-d4	11.622	152	288632	48.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	261120	46.986	ug/L	100
3) Chloromethane	1.236	50	239048	45.997	ug/L	100
5) Vinyl chloride	1.304	62	259480	46.969	ug/L	100
6) Bromomethane	1.516	94	160324	48.028	ug/L	99
8) Chloroethane	1.577	64	157011	48.367	ug/L	100
9) Trichlorofluoromethane	1.744	101	363469	47.738	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	210521	47.277	ug/L	99
12) 1,1-Dichloroethene	2.111	96	199699	48.012	ug/L	95
13) Acetone	2.175	43	199119	93.249	ug/L	98
14) Carbon disulfide	2.285	76	566902	47.770	ug/L	100
15) Methyl Acetate	2.426	43	220320	46.778	ug/L	99
16) Methylene chloride	2.497	84	253102	47.737	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	211667	48.161	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	614121	50.301	ug/L	100
19) 1,1-Dichloroethane	3.182	63	394483	48.736	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	230090	49.676	ug/L	96
22) 2-Butanone	3.966	43	289372	99.360	ug/L	98
23) Bromochloromethane	4.236	128	130897	49.354	ug/L	97
25) Chloroform	4.365	83	421668	48.845	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	295686	48.539	ug/L	99
29) Cyclohexane	4.670	56	285850	49.520	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	356045	48.819	ug/L	99
31) Carbon tetrachloride	4.818	117	314317	49.222	ug/L	100
33) Benzene	5.092	78	918572	51.745	ug/L	100
34) Trichloroethene	5.908	95	214345	46.987	ug/L	97
35) Methylcyclohexane	6.127	83	329619	48.801	ug/L	99
37) 1,2-Dichloropropane	6.166	63	236391	51.164	ug/L	100
38) Bromodichloromethane	6.503	83	303345	48.439	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	269590	42.043	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	555057	100.950	ug/L	100
42) Toluene	7.384	91	960798	53.025	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	266153	42.090	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	244495	49.691	ug/L	99
46) Tetrachloroethene	7.969	164	173333	48.710	ug/L	97
48) 2-Hexanone	8.137	43	445583	104.124	ug/L	96
49) Dibromochloromethane	8.243	129	250027	48.618	ug/L	99
50) 1,2-Dibromoethane	8.349	107	248940	49.452	ug/L	100
51) Chlorobenzene	8.876	112	617814	48.916	ug/L	99
52) Ethylbenzene	9.008	91	964635	51.288	ug/L	99
53) m,p-Xylene	9.136	106	392107	53.244	ug/L	100
54) o-Xylene	9.542	106	372956	52.583	ug/L	99
55) Styrene	9.558	104	692625	55.294	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	392705	49.444	ug/L	99
59) Bromoform	9.728	173	169267	47.927	ug/L	99
60) Isopropylbenzene	9.927	105	960631	51.422	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	301696	47.561	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	776631	51.151	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	798374	52.424	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	471467	49.394	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	491558	48.602	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	485843	49.611	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	75754	44.700	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	302872	44.822	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	250203	43.947	ug/L	100
71) Naphthalene	13.500	128	812884	45.403	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	288064	48.505	ug/L	99

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

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