

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072021\
 Data File : VW021685.D
 Acq On : 20 Jul 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

Quant Time: Jul 21 00:57:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:38:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	462691	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	432157	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	226249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	156426	47.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.580%
7) Chloroethane-d5	1.564	69	97481	43.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.080%
11) 1,1-Dichloroethene-d2	2.108	63	269706	49.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.900%
21) 2-Butanone-d5	3.876	46	253618	100.528	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.530%
24) Chloroform-d	4.349	84	306297	49.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	5.030	65	181267	49.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.480%
32) Benzene-d6	5.050	84	618078	48.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
36) 1,2-Dichloropropane-d6	6.069	67	195086	49.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.100%
41) Toluene-d8	7.317	98	578191	49.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	98397	49.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.260%
47) 2-Hexanone-d5	8.088	63	178595	99.436	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	258273	49.166	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.340%
66) 1,2-Dichlorobenzene-d4	11.625	152	227050	48.543	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	162011	48.454	ug/L	100
3) Chloromethane	1.240	50	151662	48.053	ug/L	100
5) Vinyl chloride	1.310	62	158591	48.232	ug/L	99
6) Bromomethane	1.519	94	88030	56.153	ug/L	99
8) Chloroethane	1.580	64	78427	42.054	ug/L	97
9) Trichlorofluoromethane	1.751	101	225354	48.723	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	130946	50.132	ug/L	99
12) 1,1-Dichloroethene	2.117	96	117639	48.263	ug/L	88
13) Acetone	2.169	43	207331	129.572	ug/L	99
14) Carbon disulfide	2.291	76	351894	47.814	ug/L	99
15) Methyl Acetate	2.429	43	169000	48.161	ug/L	98
16) Methylene chloride	2.506	84	158849	45.088	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	140374	48.277	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	472243	47.884	ug/L	99
19) 1,1-Dichloroethane	3.188	63	264128	48.111	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	161137	47.889	ug/L	99
22) 2-Butanone	3.960	43	273109	111.858	ug/L	97
23) Bromochloromethane	4.246	128	84383	47.397	ug/L	99
25) Chloroform	4.375	83	271738	47.886	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	196579	48.264	ug/L	99
29) Cyclohexane	4.677	56	233213	48.781	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	241294	47.228	ug/L	100
31) Carbon tetrachloride	4.828	117	210652	47.874	ug/L	100
33) Benzene	5.098	78	593311	48.296	ug/L	100
34) Trichloroethene	5.915	95	161252	48.602	ug/L	97
35) Methylcyclohexane	6.130	83	241728	48.640	ug/L	99
37) 1,2-Dichloropropane	6.172	63	152744	47.439	ug/L	99
38) Bromodichloromethane	6.509	83	205944	47.489	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	243501	47.223	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	458258	97.321	ug/L	99
42) Toluene	7.387	91	640336	48.408	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	237400	48.592	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	155337	48.239	ug/L	98
46) Tetrachloroethene	7.976	164	126198	48.719	ug/L	98
48) 2-Hexanone	8.140	43	373840	103.091	ug/L	99
49) Dibromochloromethane	8.246	129	176757	48.574	ug/L	97
50) 1,2-Dibromoethane	8.352	107	165405	48.043	ug/L	100
51) Chlorobenzene	8.882	112	416768	48.034	ug/L	100
52) Ethylbenzene	9.014	91	690695	48.737	ug/L	100
53) m,p-Xylene	9.140	106	269555	48.952	ug/L	98
54) o-Xylene	9.545	106	265749	48.197	ug/L	98
55) Styrene	9.561	104	460872	49.597	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	238165	48.048	ug/L	100
59) Bromoform	9.731	173	130682	46.845	ug/L	100
60) Isopropylbenzene	9.931	105	708962	48.287	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	195107	46.494	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	593814	47.968	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	606923	48.533	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	333849	48.109	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	334674	48.181	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	338028	47.989	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	54305	46.783	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	247507	48.094	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	215207	47.399	ug/L	100
71) Naphthalene	13.503	128	655003	46.683	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	218450	47.192	ug/L	99

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

