

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063021\
 Data File : VW021586.D
 Acq On : 30 Jun 2021 13:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

Quant Time: Jul 01 01:51:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 01 01:50:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	436608	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	413959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	216363	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117136	42.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.800%		
7) Chloroethane-d5	1.558	69	104935	46.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.960%		
11) 1,1-Dichloroethene-d2	2.105	63	221009	43.728	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.460%		
21) 2-Butanone-d5	3.867	46	234715	99.488	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.490%		
24) Chloroform-d	4.342	84	284013	49.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.300%		
26) 1,2-Dichloroethane-d4	5.027	65	174861	51.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.720%		
32) Benzene-d6	5.047	84	553029	47.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.160%		
36) 1,2-Dichloropropane-d6	6.066	67	180172	49.148	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.300%		
41) Toluene-d8	7.313	98	503846	46.873	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.740%		
43) trans-1,3-Dichloroprop...	7.619	79	87067	47.745	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.480%		
47) 2-Hexanone-d5	8.085	63	168702	99.209	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.210%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	250098	50.636	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.280%		
66) 1,2-Dichlorobenzene-d4	11.625	152	208962	48.443	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	151039	39.997	ug/L	99
3) Chloromethane	1.240	50	176618	48.581	ug/L	99
5) Vinyl chloride	1.310	62	158257	43.971	ug/L	99
6) Bromomethane	1.510	94	107127	51.076	ug/L	100
8) Chloroethane	1.577	64	98104	47.411	ug/L	100
9) Trichlorofluoromethane	1.748	101	199454	44.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	109544	42.215	ug/L	98
12) 1,1-Dichloroethene	2.114	96	110856	44.459	ug/L	97
13) Acetone	2.156	43	136178	69.820	ug/L #	100
14) Carbon disulfide	2.288	76	378219	43.023	ug/L	99
15) Methyl Acetate	2.423	43	177866	49.075	ug/L	99
16) Methylene chloride	2.503	84	165772	48.974	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	144572	47.525	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	507629	51.523	ug/L	99
19) 1,1-Dichloroethane	3.185	63	273724	49.398	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	167752	49.592	ug/L	99
22) 2-Butanone	3.950	43	241539	89.670	ug/L	99
23) Bromochloromethane	4.243	128	89675	50.225	ug/L	99
25) Chloroform	4.371	83	278424	49.285	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	212103	51.620	ug/L	100
29) Cyclohexane	4.670	56	212279	40.611	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	229203	44.041	ug/L	99
31) Carbon tetrachloride	4.825	117	194393	42.412	ug/L	99
33) Benzene	5.095	78	604720	48.001	ug/L	100
34) Trichloroethene	5.912	95	157485	46.246	ug/L	99
35) Methylcyclohexane	6.127	83	219410	40.583	ug/L	100
37) 1,2-Dichloropropane	6.169	63	160659	49.063	ug/L	100
38) Bromodichloromethane	6.506	83	218349	49.341	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	260033	48.155	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	468862	97.541	ug/L	100
42) Toluene	7.384	91	633618	46.956	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	249844	49.545	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	159094	49.456	ug/L	99
46) Tetrachloroethene	7.973	164	117144	43.252	ug/L	99
48) 2-Hexanone	8.136	43	355782	93.640	ug/L	98
49) Dibromochloromethane	8.246	129	184181	49.715	ug/L	98
50) 1,2-Dibromoethane	8.349	107	174136	49.371	ug/L	99
51) Chlorobenzene	8.879	112	414259	47.175	ug/L	99
52) Ethylbenzene	9.011	91	676977	46.179	ug/L	100
53) m,p-Xylene	9.136	106	263555	46.847	ug/L	99
54) o-Xylene	9.542	106	264962	47.208	ug/L	99
55) Styrene	9.558	104	463511	48.873	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	252881	50.429	ug/L	99
59) Bromoform	9.731	173	136153	48.960	ug/L	99
60) Isopropylbenzene	9.931	105	665106	45.069	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	203991	48.772	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	576919	45.870	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	594548	46.712	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	329573	47.492	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	332511	47.939	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	340300	48.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	59735	48.176	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	243525	46.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	214385	48.069	ug/L	98
71) Naphthalene	13.503	128	688569	50.693	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	218839	49.679	ug/L	100

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

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