

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024248.D
 Acq On : 30 Dec 2021 21:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050375

Quant Time: Dec 31 05:23:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:15:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	252477	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	237314	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134036	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	87535	48.174	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.340%		
7) Chloroethane-d5	1.568	69	66442	48.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.260%		
11) 1,1-Dichloroethene-d2	2.111	63	162779	47.933	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.860%		
21) 2-Butanone-d5	3.886	46	98514	97.312	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.310%		
24) Chloroform-d	4.349	84	160561	48.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.700%		
26) 1,2-Dichloroethane-d4	5.031	65	106978	48.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.220%		
32) Benzene-d6	5.050	84	305035	49.256	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.520%		
36) 1,2-Dichloropropane-d6	6.069	67	84118	48.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.940%		
41) Toluene-d8	7.317	98	296044	49.373	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.740%		
43) trans-1,3-Dichloroprop...	7.622	79	49545	49.575	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.140%		
47) 2-Hexanone-d5	8.088	63	78061	103.524	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.520%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	119560	48.204	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	127232	47.623	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	99698	48.946	ug/L	99
3) Chloromethane	1.243	50	82697	48.324	ug/L	99
5) Vinyl chloride	1.310	62	88842	49.065	ug/L	99
6) Bromomethane	1.523	94	56601	54.856	ug/L	100
8) Chloroethane	1.587	64	56362	50.429	ug/L	99
9) Trichlorofluoromethane	1.754	101	161382	49.583	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	75603	47.529	ug/L	99
12) 1,1-Dichloroethene	2.121	96	76099	49.483	ug/L	97
13) Acetone	2.179	43	82211	82.250	ug/L	100
14) Carbon disulfide	2.294	76	217764	48.768	ug/L	100
15) Methyl Acetate	2.433	43	71147	48.940	ug/L	99
16) Methylene chloride	2.507	84	83489	49.852	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	78133	49.304	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	249291	51.041	ug/L	100
19) 1,1-Dichloroethane	3.191	63	130809	49.766	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	84481	49.916	ug/L	99
22) 2-Butanone	3.973	43	101162	95.278	ug/L	93
23) Bromochloromethane	4.246	128	47519	48.727	ug/L	95
25) Chloroform	4.375	83	150653	49.022	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	124388	49.763	ug/L	99
29) Cyclohexane	4.680	56	106428	50.169	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	145434	49.807	ug/L	99
31) Carbon tetrachloride	4.828	117	131887	48.686	ug/L	98
33) Benzene	5.101	78	306575	50.806	ug/L	100
34) Trichloroethene	5.915	95	83212	50.007	ug/L	97
35) Methylcyclohexane	6.130	83	121919	49.403	ug/L	98
37) 1,2-Dichloropropane	6.172	63	71701	50.518	ug/L	99
38) Bromodichloromethane	6.510	83	111553	50.086	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	124411	52.145	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	190647	103.009	ug/L	99
42) Toluene	7.387	91	344984	50.930	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	125336	51.787	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	79410	49.908	ug/L	98
46) Tetrachloroethene	7.976	164	74145	48.955	ug/L	99
48) 2-Hexanone	8.140	43	148732	100.053	ug/L	99
49) Dibromochloromethane	8.246	129	99247	49.762	ug/L	100
50) 1,2-Dibromoethane	8.352	107	85170	49.836	ug/L	97
51) Chlorobenzene	8.882	112	226379	49.619	ug/L	100
52) Ethylbenzene	9.011	91	362467	50.089	ug/L	99
53) m,p-Xylene	9.136	106	146035	50.346	ug/L	96
54) o-Xylene	9.542	106	145033	52.380	ug/L	96
55) Styrene	9.558	104	250825	52.164	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	112569	48.451	ug/L	98
59) Bromoform	9.731	173	75426	49.350	ug/L	99
60) Isopropylbenzene	9.931	105	377327	50.874	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	94642	48.086	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	329165	51.594	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	332224	52.160	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	191812	50.157	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	195897	49.672	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	192590	48.864	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	28050	49.483	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	149566	50.846	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	132113	52.515	ug/L	99
71) Naphthalene	13.500	128	393927	54.123	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	137163	52.754	ug/L	99

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

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