

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071221\
 Data File : VW021630.D
 Acq On : 12 Jul 2021 16:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050283

Quant Time: Jul 13 01:18:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 13 01:14:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	476808	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	446282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	232034	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	151346	50.169	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 100.340%		
7) Chloroethane-d5	1.555	69	114958	46.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 93.240%		
11) 1,1-Dichloroethene-d2	2.101	63	252462	45.740	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 91.480%		
21) 2-Butanone-d5	3.870	46	248311	96.377	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 96.380%		
24) Chloroform-d	4.346	84	288757	45.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 91.520%		
26) 1,2-Dichloroethane-d4	5.031	65	171998	46.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 92.520%		
32) Benzene-d6	5.050	84	592880	47.315	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 94.620%		
36) 1,2-Dichloropropane-d6	6.069	67	184334	46.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 93.280%		
41) Toluene-d8	7.317	98	547714	47.263	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 94.520%		
43) trans-1,3-Dichloroprop...	7.622	79	91465	46.524	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 93.040%		
47) 2-Hexanone-d5	8.088	63	182210	99.392	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 99.390%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	263273	49.443	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 98.880%		
66) 1,2-Dichlorobenzene-d4	11.625	152	217665	47.053	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 94.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	175315	42.511	ug/L	99
3) Chloromethane	1.240	50	178334	44.917	ug/L	99
5) Vinyl chloride	1.307	62	171844	43.720	ug/L	100
6) Bromomethane	1.503	94	102924	44.935	ug/L	100
8) Chloroethane	1.574	64	101542	44.935	ug/L	99
9) Trichlorofluoromethane	1.745	101	232163	46.932	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	126238	44.546	ug/L	99
12) 1,1-Dichloroethene	2.111	96	122926	45.143	ug/L	94
13) Acetone	2.156	43	144405	67.796	ug/L #	100
14) Carbon disulfide	2.288	76	399484	41.611	ug/L	99
15) Methyl Acetate	2.423	43	183640	46.396	ug/L	99
16) Methylene chloride	2.503	84	164807	44.584	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	150481	45.297	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	500844	46.549	ug/L	99
19) 1,1-Dichloroethane	3.185	63	277213	45.810	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	170487	46.151	ug/L	99
22) 2-Butanone	3.953	43	259263	88.135	ug/L	98
23) Bromochloromethane	4.246	128	89885	46.098	ug/L	98
25) Chloroform	4.371	83	288602	46.779	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	210314	46.869	ug/L	98
29) Cyclohexane	4.677	56	247160	43.860	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	256170	45.657	ug/L	100
31) Carbon tetrachloride	4.825	117	221879	44.903	ug/L	99
33) Benzene	5.098	78	629644	46.360	ug/L	100
34) Trichloroethene	5.915	95	160505	43.719	ug/L	97
35) Methylcyclohexane	6.130	83	251332	43.121	ug/L	99
37) 1,2-Dichloropropane	6.172	63	163198	46.229	ug/L	100
38) Bromodichloromethane	6.510	83	218255	45.747	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	260721	44.785	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	487687	94.109	ug/L	99
42) Toluene	7.387	91	680972	46.810	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	247772	45.576	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	162889	46.968	ug/L	99
46) Tetrachloroethene	7.979	164	130401	44.659	ug/L	99
48) 2-Hexanone	8.140	43	374489	91.425	ug/L	99
49) Dibromochloromethane	8.249	129	186415	46.673	ug/L	98
50) 1,2-Dibromoethane	8.355	107	176654	46.457	ug/L	100
51) Chlorobenzene	8.883	112	435185	45.969	ug/L	98
52) Ethylbenzene	9.014	91	729445	46.154	ug/L	99
53) m,p-Xylene	9.140	106	285398	47.056	ug/L	97
54) o-Xylene	9.545	106	283670	46.881	ug/L	100
55) Styrene	9.561	104	484226	47.359	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	270666	50.066	ug/L	99
59) Bromoform	9.731	173	140865	47.233	ug/L	100
60) Isopropylbenzene	9.934	105	739245	46.710	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	210481	46.925	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	626384	46.439	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	639509	46.851	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	344824	46.334	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	342492	46.043	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	351460	47.124	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	62431	46.950	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	250538	45.048	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	213122	44.558	ug/L	99
71) Naphthalene	13.503	128	706650	48.511	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	223046	47.215	ug/L	99

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

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