

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050721\
 Data File : VW021337.D
 Acq On : 07 May 2021 19:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050196

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 1:54:49 PM

Quant Time: May 08 00:38:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 08 00:36:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	683447	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	676702	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	394303	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	153718	50.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.40%			
7) Chloroethane-d5	1.568	69	136336	50.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.64%			
11) 1,1-Dichloroethene-d2	2.108	63	391874	46.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.66%			
21) 2-Butanone-d5	3.896	46	236558	97.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.24%			
24) Chloroform-d	4.352	84	460198	47.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.38%			
26) 1,2-Dichloroethane-d4	5.037	65	340206	47.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.20%			
32) Benzene-d6	5.053	84	759175	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.42%			
36) 1,2-Dichloropropane-d6	6.072	67	188070	46.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.96%			
41) Toluene-d8	7.320	98	779863	48.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.58%			
43) trans-1,3-Dichloroprop...	7.625	79	140207m	47.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.18%			
47) 2-Hexanone-d5	8.091	63	186462	100.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.86%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	301384	47.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.10%			
66) 1,2-Dichlorobenzene-d4	11.632	152	363427	46.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	254914	46.20	ug/L	99
3) Chloromethane	1.243	50	148514	44.77	ug/L	97
5) Vinyl chloride	1.310	62	186179	45.03	ug/L	98
6) Bromomethane	1.523	94	154742	47.57	ug/L	100
8) Chloroethane	1.587	64	125051	46.82	ug/L	98
9) Trichlorofluoromethane	1.754	101	508572	46.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	228061	47.63	ug/L	95
12) 1,1-Dichloroethene	2.117	96	212134	49.57	ug/L	92
13) Acetone	2.195	43	214667	74.66	ug/L	76
14) Carbon disulfide	2.294	76	488570	45.51	ug/L	99
15) Methyl Acetate	2.436	43	180249	51.90	ug/L	91
16) Methylene chloride	2.510	84	222809	50.83	ug/L	89
17) trans-1,2-Dichloroethene	2.761	96	208560	48.67	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	797405	51.90	ug/L #	92
19) 1,1-Dichloroethane	3.191	63	366482	49.37	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	233490	49.56	ug/L	97
22) 2-Butanone	3.979	43	236644	86.23	ug/L	97
23) Bromochloromethane	4.252	128	143153	53.04	ug/L #	84
25) Chloroform	4.378	83	488907	50.02	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	450010	50.51	ug/L	98
29) Cyclohexane	4.683	56	267734	47.07	ug/L	87
30) 1,1,1-Trichloroethane	4.609	97	526437	49.79	ug/L	98
31) Carbon tetrachloride	4.831	117	471748	47.99	ug/L	97
33) Benzene	5.101	78	842068	48.64	ug/L	100
34) Trichloroethene	5.918	95	266019	47.76	ug/L	97
35) Methylcyclohexane	6.133	83	341286	46.90	ug/L	96
37) 1,2-Dichloropropane	6.175	63	181719	49.71	ug/L #	95
38) Bromodichloromethane	6.513	83	375380	48.40	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	366783	51.42	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	547837	105.78	ug/L #	95
42) Toluene	7.391	91	1011948	50.16	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	392106	50.40	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	236235	50.36	ug/L	94
46) Tetrachloroethene	7.979	164	228982	47.83	ug/L	97
48) 2-Hexanone	8.143	43	420099	100.97	ug/L #	95
49) Dibromochloromethane	8.249	129	321165	48.27	ug/L	99
50) 1,2-Dibromoethane	8.355	107	262636	49.71	ug/L #	93
51) Chlorobenzene	8.886	112	694140	49.77	ug/L	99
52) Ethylbenzene	9.018	91	1168071	50.11	ug/L	98
53) m,p-Xylene	9.143	106	448396	48.99	ug/L	92
54) o-Xylene	9.548	106	451852	51.22	ug/L	99
55) Styrene	9.564	104	780668	51.98	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.246	83	315882	49.82	ug/L #	98
59) Bromoform	9.738	173	256556	48.61	ug/L	98
60) Isopropylbenzene	9.937	105	1253722	49.76	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	309084	47.94	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	1114469	50.51	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	1121286	50.64	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	596377	48.75	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	609668	48.67	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	619260	50.12	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	114069	50.87	ug/L	90
69) 1,3,5-Trichlorobenzene	12.651	180	462605	48.83	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	395968	51.34	ug/L	98
71) Naphthalene	13.509	128	1142058	53.91	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	401994	51.50	ug/L	94

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

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