

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050321\
 Data File : VW021238.D
 Acq On : 03 May 2021 11:40
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV163

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 11:52:13 AM

Quant Time: May 04 05:23:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 03 18:54:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	820435	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	788948	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	459831	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	171837	47.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.44%		
7) Chloroethane-d5	1.568	69	152259	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.64%		
11) 1,1-Dichloroethene-d2	2.108	63	451469	44.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.94%		
21) 2-Butanone-d5	3.899	46	270621m	92.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.67%		
24) Chloroform-d	4.352	84	535951	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.54%		
26) 1,2-Dichloroethane-d4	5.034	65	388926	44.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.70%		
32) Benzene-d6	5.053	84	869455	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.70%		
36) 1,2-Dichloropropane-d6	6.072	67	214190	45.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.78%		
41) Toluene-d8	7.317	98	897268	47.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.30%		
43) trans-1,3-Dichloroprop...	7.625	79	165784	47.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.52%		
47) 2-Hexanone-d5	8.091	63	205679	95.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.43%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	349280	46.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.54%		
66) 1,2-Dichlorobenzene-d4	11.632	152	426172	47.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.06%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	318258	48.05	ug/L	99
3) Chloromethane	1.243	50	186465	46.82	ug/L	98
5) Vinyl chloride	1.310	62	233669	47.08	ug/L	99
6) Bromomethane	1.523	94	190289	48.73	ug/L	97
8) Chloroethane	1.587	64	152005	47.41	ug/L	98
9) Trichlorofluoromethane	1.754	101	594417	45.66	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	270685	47.09	ug/L	94
12) 1,1-Dichloroethene	2.117	96	242785	47.26	ug/L	93
13) Acetone	2.195	43	339450	98.34	ug/L	83
14) Carbon disulfide	2.294	76	604421	46.90	ug/L	98
15) Methyl Acetate	2.439	43	193126	46.32	ug/L	91
16) Methylene chloride	2.506	84	253113	48.11	ug/L	93
17) trans-1,2-Dichloroethene	2.760	96	250226	48.65	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	891737	48.35	ug/L #	92
19) 1,1-Dichloroethane	3.191	63	417896	46.89	ug/L	95
20) cis-1,2-Dichloroethene	3.912	96	274724	48.57	ug/L	98
22) 2-Butanone	3.986	43	293360	89.05	ug/L	98
23) Bromochloromethane	4.249	128	154094	47.56	ug/L #	82
25) Chloroform	4.378	83	549664	46.84	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	498370	46.60	ug/L	97
29) Cyclohexane	4.677	56	316196	47.68	ug/L	88
30) 1,1,1-Trichloroethane	4.609	97	588384	47.73	ug/L	99
31) Carbon tetrachloride	4.828	117	536392	46.80	ug/L	97
33) Benzene	5.101	78	955384	47.33	ug/L	100
34) Trichloroethene	5.915	95	309664	47.68	ug/L	97
35) Methylcyclohexane	6.133	83	417549	49.22	ug/L	99
37) 1,2-Dichloropropane	6.175	63	200303	47.00	ug/L #	93
38) Bromodichloromethane	6.513	83	420278	46.48	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	429704	51.67	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	580774	96.18	ug/L	96
42) Toluene	7.391	91	1127427	47.93	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	461378	50.86	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	261522	47.82	ug/L	94
46) Tetrachloroethene	7.979	164	262969	47.11	ug/L	97
48) 2-Hexanone	8.143	43	486796	100.35	ug/L	96
49) Dibromochloromethane	8.249	129	368133	47.45	ug/L	96
50) 1,2-Dibromoethane	8.355	107	291989	47.40	ug/L	99
51) Chlorobenzene	8.886	112	771967	47.47	ug/L	97
52) Ethylbenzene	9.014	91	1338312	49.25	ug/L	100
53) m,p-Xylene	9.140	106	509885	47.78	ug/L	98
54) o-Xylene	9.548	106	506259	49.22	ug/L	96
55) Styrene	9.564	104	871190	49.75	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.246	83	353696	47.85	ug/L #	98
59) Bromoform	9.734	173	282866	45.96	ug/L	97
60) Isopropylbenzene	9.937	105	1411948	48.06	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	350858	46.67	ug/L	96
62) 1,3,5-Trimethylbenzene	10.545	105	1271455	49.41	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	1291050	50.00	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	687457	48.19	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	685882	46.95	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	704919	48.92	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	127495	48.76	ug/L	90
69) 1,3,5-Trichlorobenzene	12.651	180	551287	49.90	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	471332	52.40	ug/L	98
71) Naphthalene	13.509	128	1336752	54.11	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	486945	53.49	ug/L	97

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

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