

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021714.D
 Acq On : 02 Aug 2021 11:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV237

Quant Time: Aug 03 02:11:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 02:08:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	431283	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	401010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	211045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133000	49.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.220%
7) Chloroethane-d5	1.558	69	108862	48.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.460%
11) 1,1-Dichloroethene-d2	2.105	63	236768	48.876	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.760%
21) 2-Butanone-d5	3.870	46	244270	104.991	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.990%
24) Chloroform-d	4.349	84	286807	49.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.920%
26) 1,2-Dichloroethane-d4	5.034	65	170975	49.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.600%
32) Benzene-d6	5.050	84	573941	50.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.072	67	181257	50.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.620%
41) Toluene-d8	7.317	98	530510	50.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.900%
43) trans-1,3-Dichloroprop...	7.622	79	89991	50.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.260%
47) 2-Hexanone-d5	8.088	63	174270	110.942	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	247212	52.069	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.140%
66) 1,2-Dichlorobenzene-d4	11.625	152	216718	49.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	146344	51.271	ug/L	99
3) Chloromethane	1.240	50	141404	50.254	ug/L	100
5) Vinyl chloride	1.307	62	143360	49.999	ug/L	99
6) Bromomethane	1.507	94	90730	57.556	ug/L	98
8) Chloroethane	1.574	64	88466	50.439	ug/L	100
9) Trichlorofluoromethane	1.748	101	209673	50.238	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	120638	51.246	ug/L	98
12) 1,1-Dichloroethene	2.114	96	109247	50.620	ug/L	92
13) Acetone	2.156	43	161231	105.638	ug/L	99
14) Carbon disulfide	2.291	76	296516	51.263	ug/L	99
15) Methyl Acetate	2.426	43	165663	51.998	ug/L	100
16) Methylene chloride	2.503	84	147210	50.104	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	131969	51.823	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	461886	51.478	ug/L	100
19) 1,1-Dichloroethane	3.188	63	256027	51.553	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	157369	52.192	ug/L	99
22) 2-Butanone	3.953	43	246675	111.064	ug/L	99
23) Bromochloromethane	4.246	128	82028	50.638	ug/L	99
25) Chloroform	4.375	83	267765	51.389	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	187209	50.820	ug/L	97
29) Cyclohexane	4.677	56	206789	51.540	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	234329	51.764	ug/L	100
31) Carbon tetrachloride	4.828	117	201323	51.687	ug/L	99
33) Benzene	5.098	78	560516	51.976	ug/L	100
34) Trichloroethene	5.915	95	154100	50.434	ug/L	97
35) Methylcyclohexane	6.133	83	218919	52.554	ug/L	98
37) 1,2-Dichloropropane	6.175	63	147399	51.298	ug/L	100
38) Bromodichloromethane	6.513	83	202453	51.601	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	236104	51.856	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	446699	106.714	ug/L	100
42) Toluene	7.387	91	608953	52.373	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	233546	53.511	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	152182	52.007	ug/L	99
46) Tetrachloroethene	7.979	164	116655	51.663	ug/L	97
48) 2-Hexanone	8.140	43	341166	106.337	ug/L	99
49) Dibromochloromethane	8.249	129	174548	52.372	ug/L	99
50) 1,2-Dibromoethane	8.352	107	162024	52.113	ug/L	98
51) Chlorobenzene	8.882	112	404133	52.018	ug/L	100
52) Ethylbenzene	9.014	91	658783	52.184	ug/L	100
53) m,p-Xylene	9.140	106	254301	51.899	ug/L	98
54) o-Xylene	9.545	106	256759	52.073	ug/L	99
55) Styrene	9.561	104	443945	53.739	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	237947	54.478	ug/L	98
59) Bromoform	9.731	173	127921	52.412	ug/L	98
60) Isopropylbenzene	9.931	105	675746	51.830	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	195629	52.154	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	576792	52.251	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	585789	52.142	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	325128	51.752	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	327047	51.732	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	334663	52.149	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	54303	54.993	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	244949	52.395	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	210419	53.387	ug/L	99
71) Naphthalene	13.503	128	658075	57.674	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	217018	55.415	ug/L	99

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

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