

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021786.D
 Acq On : 16 Aug 2021 12:32
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV244

Quant Time: Aug 17 04:16:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 04:08:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	453224	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	429076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	230234	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	177830	50.190	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 100.380%		
7) Chloroethane-d5	1.558	69	133401	49.893	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 99.780%		
11) 1,1-Dichloroethene-d2	2.104	63	276518	49.029	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 98.060%		
21) 2-Butanone-d5	3.870	46	238852	108.391	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 108.390%		
24) Chloroform-d	4.346	84	310262	50.543	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.080%		
26) 1,2-Dichloroethane-d4	5.030	65	179161	50.739	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.480%		
32) Benzene-d6	5.050	84	631847	51.209	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.420%		
36) 1,2-Dichloropropane-d6	6.069	67	195489	50.877	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 101.760%		
41) Toluene-d8	7.317	98	589775	51.714	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.420%		
43) trans-1,3-Dichloroprop...	7.622	79	96293	50.921	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 101.840%		
47) 2-Hexanone-d5	8.088	63	143325	113.809	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 113.810%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	255963	53.756	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 107.520%		
66) 1,2-Dichlorobenzene-d4	11.625	152	238463	50.047	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	169282	48.279	ug/L	100
3) Chloromethane	1.240	50	177532	48.754	ug/L	99
5) Vinyl chloride	1.307	62	170667	47.597	ug/L	99
6) Bromomethane	1.506	94	110971	51.490	ug/L	97
8) Chloroethane	1.574	64	103488	48.298	ug/L	100
9) Trichlorofluoromethane	1.748	101	240124	48.877	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	139499	49.595	ug/L	98
12) 1,1-Dichloroethene	2.114	96	128939	48.127	ug/L	99
13) Acetone	2.159	43	205407	113.285	ug/L #	100
14) Carbon disulfide	2.288	76	450408	49.965	ug/L	99
15) Methyl Acetate	2.426	43	182172	54.689	ug/L	100
16) Methylene chloride	2.503	84	187815	50.399	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	159745	50.813	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	495111	51.209	ug/L	100
19) 1,1-Dichloroethane	3.188	63	283239	50.613	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	175001	48.072	ug/L	97
22) 2-Butanone	3.953	43	270992	102.625	ug/L	98
23) Bromochloromethane	4.246	128	93507	48.413	ug/L	98
25) Chloroform	4.375	83	289087	48.009	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	202942	47.834	ug/L	99
29) Cyclohexane	4.677	56	259161	49.042	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	254569	47.414	ug/L	99
31) Carbon tetrachloride	4.825	117	224558	48.336	ug/L	99
33) Benzene	5.098	78	640311	48.494	ug/L	100
34) Trichloroethene	5.915	95	176782	46.590	ug/L	99
35) Methylcyclohexane	6.133	83	273585	49.422	ug/L	100
37) 1,2-Dichloropropane	6.175	63	160987	48.151	ug/L	100
38) Bromodichloromethane	6.509	83	215796	48.971	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	256460	48.442	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	461999	100.455	ug/L	100
42) Toluene	7.387	91	693487	49.175	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	249082	49.924	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	162886	48.633	ug/L	99
46) Tetrachloroethene	7.976	164	138624	49.159	ug/L	99
48) 2-Hexanone	8.140	43	367685	103.210	ug/L	98
49) Dibromochloromethane	8.249	129	184168	49.803	ug/L	100
50) 1,2-Dibromoethane	8.352	107	177178	48.611	ug/L	99
51) Chlorobenzene	8.882	112	447951	48.650	ug/L	99
52) Ethylbenzene	9.014	91	738746	49.102	ug/L	100
53) m,p-Xylene	9.140	106	289064	49.575	ug/L	97
54) o-Xylene	9.545	106	285340	49.369	ug/L	99
55) Styrene	9.561	104	487544	50.373	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	242733	52.060	ug/L	99
59) Bromoform	9.734	173	134725	49.225	ug/L	100
60) Isopropylbenzene	9.934	105	747395	48.420	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	205436	48.284	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	631770	48.773	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	647196	49.140	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	361901	48.415	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	361354	48.430	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	363061	48.147	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	52856	51.095	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	268082	49.476	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	227641	50.093	ug/L	100
71) Naphthalene	13.503	128	674200	51.075	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	228089	49.963	ug/L	100

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

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