

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
 Data File : VV021604.D
 Acq On : 02 Jul 2021 17:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050180

Quant Time: Jul 03 00:09:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 03 00:01:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	476226	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	448137	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	232782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115941	38.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.960%
7) Chloroethane-d5	1.558	69	101929	41.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.780%
11) 1,1-Dichloroethene-d2	2.104	63	228675	41.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
21) 2-Butanone-d5	3.873	46	250721	97.431	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.430%
24) Chloroform-d	4.349	84	283696	45.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
26) 1,2-Dichloroethane-d4	5.034	65	169904	45.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
32) Benzene-d6	5.050	84	558660	44.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.072	67	177511	44.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.460%
41) Toluene-d8	7.316	98	517442	44.466	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.940%
43) trans-1,3-Dichloroprop...	7.622	79	85096	43.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.200%
47) 2-Hexanone-d5	8.088	63	187438	101.820	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	270308	50.554	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.100%
66) 1,2-Dichlorobenzene-d4	11.625	152	214691	46.261	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	183816	44.627	ug/L	100
3) Chloromethane	1.243	50	186628	47.064	ug/L	99
5) Vinyl chloride	1.310	62	179824	45.806	ug/L	99
6) Bromomethane	1.506	94	103449	45.220	ug/L	100
8) Chloroethane	1.577	64	103567	45.887	ug/L	99
9) Trichlorofluoromethane	1.748	101	238606	48.294	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	129435	45.730	ug/L	98
12) 1,1-Dichloroethene	2.114	96	125459	46.129	ug/L	96
13) Acetone	2.159	43	139776	65.703	ug/L #	100
14) Carbon disulfide	2.291	76	424081	44.227	ug/L	100
15) Methyl Acetate	2.426	43	190529	48.195	ug/L	99
16) Methylene chloride	2.503	84	168184	45.553	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	156587	47.193	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	518871	48.283	ug/L	100
19) 1,1-Dichloroethane	3.188	63	286992	47.484	ug/L	98
20) cis-1,2-Dichloroethene	3.911	96	177054	47.987	ug/L	97
22) 2-Butanone	3.957	43	251451	85.584	ug/L	97
23) Bromochloromethane	4.249	128	92750	47.626	ug/L	95
25) Chloroform	4.378	83	292688	47.499	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	211730	47.242	ug/L	99
29) Cyclohexane	4.677	56	257384	45.485	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	263570	46.782	ug/L	99
31) Carbon tetrachloride	4.828	117	228712	46.094	ug/L	100
33) Benzene	5.101	78	647354	47.466	ug/L	100
34) Trichloroethene	5.915	95	164016	44.491	ug/L	97
35) Methylcyclohexane	6.133	83	260695	44.542	ug/L	100
37) 1,2-Dichloropropane	6.175	63	167797	47.335	ug/L	100
38) Bromodichloromethane	6.513	83	224963	46.958	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	275094	47.059	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	507808	97.586	ug/L	100
42) Toluene	7.390	91	692910	47.434	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	256355	46.959	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	168364	48.346	ug/L	99
46) Tetrachloroethene	7.979	164	133546	45.547	ug/L	97
48) 2-Hexanone	8.140	43	380934	92.614	ug/L	99
49) Dibromochloromethane	8.249	129	192093	47.896	ug/L	100
50) 1,2-Dibromoethane	8.352	107	181222	47.461	ug/L	97
51) Chlorobenzene	8.882	112	455498	47.915	ug/L	98
52) Ethylbenzene	9.014	91	754925	47.569	ug/L	99
53) m,p-Xylene	9.140	106	289773	47.579	ug/L	96
54) o-Xylene	9.545	106	293892	48.369	ug/L	99
55) Styrene	9.561	104	498192	48.523	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	278249	51.256	ug/L	98
59) Bromoform	9.734	173	146844	49.080	ug/L	100
60) Isopropylbenzene	9.934	105	764145	48.128	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	218539	48.565	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	649835	48.023	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	662566	48.384	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	353693	47.373	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	354096	47.450	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	361381	48.299	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	64379	48.259	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	255141	45.728	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	223135	46.502	ug/L	99
71) Naphthalene	13.503	128	755355	51.688	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	225817	47.647	ug/L	99

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

