

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021787.D
 Acq On : 16 Aug 2021 13:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050303

Quant Time: Aug 17 04:16:35 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	5.619	114	434714	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	413676	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	220983	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	161087	47.400	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.800%
7) Chloroethane-d5	1.558	69	121985	47.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.140%
11) 1,1-Dichloroethene-d2	2.105	63	254467	47.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.080%
21) 2-Butanone-d5	3.873	46	240200	113.644	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.640%
24) Chloroform-d	4.349	84	300243	50.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.980%
26) 1,2-Dichloroethane-d4	5.031	65	177525	52.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.840%
32) Benzene-d6	5.050	84	600611	50.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.980%
36) 1,2-Dichloropropane-d6	6.069	67	189548	51.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.340%
41) Toluene-d8	7.317	98	567476	51.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.220%
43) trans-1,3-Dichloroprop...	7.622	79	94565	51.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.740%
47) 2-Hexanone-d5	8.088	63	147522	121.503	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	257039	55.992	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.980%
66) 1,2-Dichlorobenzene-d4	11.625	152	231869	50.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	155104	46.119	ug/L	100
3) Chloromethane	1.240	50	162260	46.457	ug/L	99
5) Vinyl chloride	1.307	62	155287	45.152	ug/L	99
6) Bromomethane	1.507	94	104387	50.497	ug/L	98
8) Chloroethane	1.577	64	96578	46.993	ug/L	99
9) Trichlorofluoromethane	1.748	101	217416	46.139	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	124994	46.330	ug/L	99
12) 1,1-Dichloroethene	2.114	96	117133	45.582	ug/L	99
13) Acetone	2.159	43	156189	89.808	ug/L #	100
14) Carbon disulfide	2.291	76	417031	48.232	ug/L	99
15) Methyl Acetate	2.426	43	180497	56.494	ug/L	99
16) Methylene chloride	2.503	84	180788	50.579	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	150107	49.780	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	491122	52.959	ug/L	100
19) 1,1-Dichloroethane	3.188	63	269801	50.264	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	167560	47.987	ug/L	96
22) 2-Butanone	3.957	43	257603	101.708	ug/L	100
23) Bromochloromethane	4.249	128	92258	49.801	ug/L	97
25) Chloroform	4.375	83	275043	47.622	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	203197	49.934	ug/L	99
29) Cyclohexane	4.677	56	240155	47.137	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	240094	46.383	ug/L	99
31) Carbon tetrachloride	4.828	117	209950	46.874	ug/L	100
33) Benzene	5.098	78	611788	48.059	ug/L	100
34) Trichloroethene	5.915	95	169120	46.230	ug/L	98
35) Methylcyclohexane	6.133	83	254199	47.629	ug/L	99
37) 1,2-Dichloropropane	6.175	63	156613	48.586	ug/L	100
38) Bromodichloromethane	6.510	83	211382	49.755	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	257287	50.407	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	464452	104.748	ug/L	100
42) Toluene	7.387	91	661228	48.633	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	242590	50.433	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	162103	50.201	ug/L	99
46) Tetrachloroethene	7.976	164	130348	47.945	ug/L	99
48) 2-Hexanone	8.140	43	354147	103.111	ug/L	98
49) Dibromochloromethane	8.249	129	179553	50.363	ug/L	99
50) 1,2-Dibromoethane	8.355	107	176370	50.191	ug/L	98
51) Chlorobenzene	8.882	112	430618	48.509	ug/L	99
52) Ethylbenzene	9.014	91	702103	48.404	ug/L	100
53) m,p-Xylene	9.140	106	271862	48.361	ug/L	99
54) o-Xylene	9.545	106	273825	49.140	ug/L	99
55) Styrene	9.564	104	472345	50.620	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	240879	53.586	ug/L	98
59) Bromoform	9.734	173	133049	50.648	ug/L	99
60) Isopropylbenzene	9.934	105	706752	47.704	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	204239	50.012	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	603211	48.518	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	621141	49.136	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	350016	48.785	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	349840	48.849	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	351847	48.613	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	52582	52.958	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	254522	48.940	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	221722	50.833	ug/L	100
71) Naphthalene	13.503	128	688139	54.313	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	225157	51.386	ug/L	99

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

