

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
 Data File : VV021924.D
 Acq On : 20 Aug 2021 19:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050312

Quant Time: Aug 21 00:57:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 21 00:50:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	444161	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	415168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	220483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130774	37.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.320%
7) Chloroethane-d5	1.558	69	100390	38.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.620%
11) 1,1-Dichloroethene-d2	2.105	63	214096	38.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.480%
21) 2-Butanone-d5	3.876	46	183186	84.826	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.830%
24) Chloroform-d	4.349	84	241232	40.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.034	65	139094	40.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.400%
32) Benzene-d6	5.050	84	485595	40.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.340%
36) 1,2-Dichloropropane-d6	6.072	67	151423	40.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.460%
41) Toluene-d8	7.317	98	455364	41.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.540%
43) trans-1,3-Dichloroprop...	7.622	79	68875	37.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.280%
47) 2-Hexanone-d5	8.088	63	114167	93.693	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.690%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	202487	43.950	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	180048	39.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	146534	42.644	ug/L	99
3) Chloromethane	1.240	50	161078	45.138	ug/L	99
5) Vinyl chloride	1.307	62	159928	45.512	ug/L	100
6) Bromomethane	1.507	94	95901	45.406	ug/L	97
8) Chloroethane	1.574	64	97005	46.196	ug/L	100
9) Trichlorofluoromethane	1.748	101	215734	44.808	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	117683	42.692	ug/L	99
12) 1,1-Dichloroethene	2.114	96	114716	43.692	ug/L	94
13) Acetone	2.159	43	127241	71.607	ug/L #	100
14) Carbon disulfide	2.288	76	372307	42.144	ug/L	99
15) Methyl Acetate	2.426	43	172845	52.948	ug/L	97
16) Methylene chloride	2.503	84	172164	47.142	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	145972	47.379	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	469647	49.566	ug/L	99
19) 1,1-Dichloroethane	3.188	63	265244	48.364	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	164902	46.222	ug/L	99
22) 2-Butanone	3.957	43	230790	89.184	ug/L	98
23) Bromochloromethane	4.249	128	86616	45.761	ug/L	96
25) Chloroform	4.375	83	269097	45.601	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	193580	46.559	ug/L	99
29) Cyclohexane	4.677	56	229884	44.959	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	238085	45.829	ug/L	100
31) Carbon tetrachloride	4.828	117	200186	44.533	ug/L	99
33) Benzene	5.098	78	598346	46.834	ug/L	100
34) Trichloroethene	5.915	95	157111	42.793	ug/L	97
35) Methylcyclohexane	6.133	83	233766	43.643	ug/L	100
37) 1,2-Dichloropropane	6.175	63	153798	47.542	ug/L	100
38) Bromodichloromethane	6.513	83	188293	44.161	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	229432	44.788	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	444922	99.983	ug/L	100
42) Toluene	7.387	91	636619	46.655	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	213890	44.307	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	153777	47.452	ug/L	98
46) Tetrachloroethene	7.976	164	121947	44.694	ug/L	99
48) 2-Hexanone	8.140	43	331879	96.280	ug/L	97
49) Dibromochloromethane	8.249	129	158429	44.278	ug/L	99
50) 1,2-Dibromoethane	8.355	107	165994	47.069	ug/L	99
51) Chlorobenzene	8.883	112	413482	46.411	ug/L	99
52) Ethylbenzene	9.014	91	675391	46.395	ug/L	99
53) m,p-Xylene	9.140	106	259971	46.079	ug/L	98
54) o-Xylene	9.545	106	261894	46.830	ug/L	100
55) Styrene	9.561	104	445918	47.616	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	239832	53.161	ug/L	100
59) Bromoform	9.735	173	109526	41.788	ug/L	99
60) Isopropylbenzene	9.934	105	678103	45.874	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	193123	47.397	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	572345	46.140	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	585644	46.433	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	327681	45.776	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	324616	45.430	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	334635	46.340	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	48569	49.027	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	235151	45.318	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	201115	46.214	ug/L	100
71) Naphthalene	13.503	128	661463	52.326	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	210981	48.259	ug/L	99

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

