

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080321\
 Data File : VV021723.D
 Acq On : 03 Aug 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050297

Quant Time: Aug 04 01:06:42 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	5.613	114	426045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	394174	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	205222	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119342	44.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.200%		
7) Chloroethane-d5	1.558	69	102115	46.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.540%		
11) 1,1-Dichloroethene-d2	2.105	63	228237	47.694	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.380%		
21) 2-Butanone-d5	3.870	46	213821	93.033	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.030%		
24) Chloroform-d	4.343	84	275703	48.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
26) 1,2-Dichloroethane-d4	5.027	65	162048	47.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.560%		
32) Benzene-d6	5.047	84	550646	49.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.580%		
36) 1,2-Dichloropropane-d6	6.066	67	173356	48.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.920%		
41) Toluene-d8	7.313	98	506916	49.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.080%		
43) trans-1,3-Dichloroprop...	7.619	79	85754	49.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.160%		
47) 2-Hexanone-d5	8.085	63	146734	95.032	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.030%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	225995	48.425	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.860%		
66) 1,2-Dichlorobenzene-d4	11.625	152	206861	48.684	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	139326	49.413	ug/L	99
3) Chloromethane	1.240	50	129465	46.577	ug/L	100
5) Vinyl chloride	1.307	62	138789	49.000	ug/L	99
6) Bromomethane	1.510	94	60786	39.035	ug/L	99
8) Chloroethane	1.574	64	85735	49.482	ug/L	99
9) Trichlorofluoromethane	1.748	101	207217	50.260	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	119994	51.599	ug/L	100
12) 1,1-Dichloroethene	2.114	96	106408	49.911	ug/L	88
13) Acetone	2.159	43	180128	119.471	ug/L	100
14) Carbon disulfide	2.291	76	280338	49.062	ug/L	99
15) Methyl Acetate	2.423	43	149178	47.400	ug/L	99
16) Methylene chloride	2.503	84	141882	48.884	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	126584	50.320	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	438067	49.424	ug/L	100
19) 1,1-Dichloroethane	3.185	63	245020	49.943	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	148185	49.750	ug/L	99
22) 2-Butanone	3.950	43	231739	105.622	ug/L	98
23) Bromochloromethane	4.243	128	77900	48.681	ug/L	97
25) Chloroform	4.368	83	256950	49.919	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	178956	49.176	ug/L	99
29) Cyclohexane	4.674	56	199256	50.523	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	224244	50.395	ug/L	100
31) Carbon tetrachloride	4.825	117	194438	50.785	ug/L	99
33) Benzene	5.095	78	539702	50.914	ug/L	100
34) Trichloroethene	5.912	95	150221	50.017	ug/L	98
35) Methylcyclohexane	6.127	83	215183	52.553	ug/L	98
37) 1,2-Dichloropropane	6.169	63	141127	49.967	ug/L	100
38) Bromodichloromethane	6.506	83	193226	50.103	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	233610	52.198	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	389821	94.741	ug/L	99
42) Toluene	7.387	91	583122	51.021	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	217336	50.660	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	143831	50.006	ug/L	99
46) Tetrachloroethene	7.976	164	114959	51.795	ug/L	95
48) 2-Hexanone	8.137	43	313671	99.463	ug/L	100
49) Dibromochloromethane	8.246	129	161204	49.207	ug/L	99
50) 1,2-Dibromoethane	8.352	107	150584	49.273	ug/L	100
51) Chlorobenzene	8.879	112	383595	50.230	ug/L	99
52) Ethylbenzene	9.011	91	634219	51.109	ug/L	99
53) m,p-Xylene	9.137	106	247197	51.324	ug/L	99
54) o-Xylene	9.542	106	245821	50.719	ug/L	99
55) Styrene	9.561	104	420705	51.809	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	210630	49.060	ug/L	99
59) Bromoform	9.731	173	116682	49.164	ug/L	100
60) Isopropylbenzene	9.931	105	644308	50.821	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	176225	48.314	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	545728	50.839	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	554630	50.770	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	307270	50.297	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	310502	50.508	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	313021	50.161	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	44481	46.324	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	233279	51.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	203761	53.165	ug/L	99
71) Naphthalene	13.503	128	597610	53.861	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205051	53.845	ug/L	99

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

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