

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
 Data File : VV021493.D
 Acq On : 04 Jun 2021 09:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050194

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 10:03:57 AM

Quant Time: Jun 05 03:30:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 04 03:06:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	482116	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	446893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140831	44.367	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.740%		
7) Chloroethane-d5	1.568	69	113371	48.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.020%		
11) 1,1-Dichloroethene-d2	2.108	63	254239	46.874	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.740%		
21) 2-Butanone-d5	3.889	46	239833	105.368	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.370%		
24) Chloroform-d	4.346	84	313263	49.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.160%		
26) 1,2-Dichloroethane-d4	5.031	65	181855	49.968	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.940%		
32) Benzene-d6	5.050	84	603365	48.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.520%		
36) 1,2-Dichloropropane-d6	6.069	67	188814	48.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.820%		
41) Toluene-d8	7.317	98	574941	48.270	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.540%		
43) trans-1,3-Dichloroprop...	7.622	79	99563	48.188	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.380%		
47) 2-Hexanone-d5	8.088	63	179290	101.133	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.130%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	268682	50.134	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.260%		
66) 1,2-Dichlorobenzene-d4	11.625	152	262947	47.726	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	167179	50.029	ug/L	98
3) Chloromethane	1.240	50	162414	48.789	ug/L	100
5) Vinyl chloride	1.311	62	171534	50.207	ug/L	99
6) Bromomethane	1.523	94	119058	50.883	ug/L	97
8) Chloroethane	1.584	64	101796	52.404	ug/L	100
9) Trichlorofluoromethane	1.751	101	258501	51.009	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	154367	52.402	ug/L	99
12) 1,1-Dichloroethene	2.118	96	143456	50.699	ug/L	92
13) Acetone	2.185	43	208723m	106.577	ug/L	
14) Carbon disulfide	2.291	76	441096	49.447	ug/L	99
15) Methyl Acetate	2.433	43	168506	50.216	ug/L	99
16) Methylene chloride	2.507	84	174341	49.185	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	166186	51.480	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	524584	51.259	ug/L	99
19) 1,1-Dichloroethane	3.188	63	287441	50.246	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	184270	51.022	ug/L	94
22) 2-Butanone	3.973	43	264436	106.589	ug/L	99
23) Bromochloromethane	4.246	128	103318	51.652	ug/L	96
25) Chloroform	4.375	83	302674	51.127	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	207722	50.791	ug/L	99
29) Cyclohexane	4.677	56	260536	50.042	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	279655	50.693	ug/L	100
31) Carbon tetrachloride	4.828	117	254342	50.786	ug/L	98
33) Benzene	5.098	78	648903	50.731	ug/L	100
34) Trichloroethene	5.912	95	179086	51.508	ug/L	99
35) Methylcyclohexane	6.130	83	283647	50.821	ug/L	98
37) 1,2-Dichloropropane	6.172	63	162513	49.830	ug/L	99
38) Bromodichloromethane	6.510	83	231026	50.482	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	281048	51.256	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	442435	100.053	ug/L	98
42) Toluene	7.387	91	727351	51.259	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	264921	51.072	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	171674	51.865	ug/L	99
46) Tetrachloroethene	7.976	164	169323	52.970	ug/L	99
48) 2-Hexanone	8.140	43	354090	104.406	ug/L	100
49) Dibromochloromethane	8.246	129	214026	51.637	ug/L	98
50) 1,2-Dibromoethane	8.352	107	185995	51.054	ug/L	97
51) Chlorobenzene	8.883	112	480068	51.173	ug/L	99
52) Ethylbenzene	9.011	91	795963	51.071	ug/L	100
53) m,p-Xylene	9.140	106	312391	52.167	ug/L	98
54) o-Xylene	9.542	106	302335	51.134	ug/L	97
55) Styrene	9.561	104	525828	51.673	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	260363	50.391	ug/L	99
59) Bromoform	9.731	173	181477	50.746	ug/L	100
60) Isopropylbenzene	9.931	105	817483	49.775	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	201055	48.278	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	703869	49.782	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	710394	49.737	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	420705	50.713	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	417325	49.827	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	413595	49.792	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	62507	48.180	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	359776	51.410	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	321395	51.407	ug/L	99
71) Naphthalene	13.503	128	865043	50.161	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	315414	51.830	ug/L	100

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

