

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
 Data File : VV020035.D
 Acq On : 18 Jan 2021 10:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Jan 19 02:42:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 16 04:43:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	394526	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	383242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	211299	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	161571	48.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.10%		
7) Chloroethane-d5	1.566	69	141379	53.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.44%		
11) 1,1-Dichloroethene-d2	2.110	63	332181	50.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.36%		
21) 2-Butanone-d5	3.884	46	198271	91.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.84%		
24) Chloroform-d	4.347	84	290747	48.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.00%		
26) 1,2-Dichloroethane-d4	5.032	65	197085	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.72%		
32) Benzene-d6	5.052	84	527772	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.58%		
36) 1,2-Dichloropropane-d6	6.071	67	162512	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.24%		
41) Toluene-d8	7.318	98	483093	49.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.56%		
43) trans-1,3-Dichloroprop...	7.624	79	83541	47.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.34%		
47) 2-Hexanone-d5	8.090	63	131954	97.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.46%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	216573	47.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.88%		
64) 1,2-Dichlorobenzene-d4	11.630	152	192671	47.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.42%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	176519	46.30	ug/L	99
3) Chloromethane	1.241	50	168647	46.16	ug/L	99
5) Vinyl chloride	1.312	62	178077	48.16	ug/L	99
6) Bromomethane	1.521	94	108660	47.12	ug/L	95
8) Chloroethane	1.585	64	119088	52.33	ug/L	99
9) Trichlorofluoromethane	1.753	101	267971	51.59	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	152287	52.78	ug/L	94
12) 1,1-Dichloroethene	2.119	96	140078	50.34	ug/L	82
13) Acetone	2.177	43	227270	119.15	ug/L	97
14) Carbon disulfide	2.293	76	374448	45.30	ug/L	98
15) Methyl Acetate	2.431	43	145928	45.08	ug/L	100
16) Methylene chloride	2.505	84	140106	47.38	ug/L	99
17) trans-1,2-Dichloroethene	2.759	96	133641	47.92	ug/L	99
18) Methyl tert-butyl Ether	2.769	73	429957	47.34	ug/L	98
19) 1,1-Dichloroethane	3.190	63	258558	48.49	ug/L	99
20) cis-1,2-Dichloroethene	3.910	96	142559	47.87	ug/L	97
22) 2-Butanone	3.968	43	238266	103.68	ug/L	98
23) Bromochloromethane	4.248	128	73118	46.98	ug/L	93
25) Chloroform	4.376	83	273173	48.73	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.129	62	226366	48.33	ug/L	99
29) Cyclohexane	4.679	56	221059	48.78	ug/L	96
30) 1,1,1-Trichloroethane	4.608	97	242502	48.10	ug/L	99
31) Carbon tetrachloride	4.830	117	210379	48.94	ug/L	100
33) Benzene	5.100	78	545273	49.01	ug/L	100
34) Trichloroethene	5.916	95	153353	48.10	ug/L	97
35) Methylcyclohexane	6.132	83	231251	50.76	ug/L	97
37) 1,2-Dichloropropane	6.177	63	143076	49.58	ug/L #	96
38) Bromodichloromethane	6.511	83	201864	48.43	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	233942	51.77	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	415086	93.61	ug/L	98
42) Toluene	7.389	91	580388	48.99	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	223073	48.66	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	137654	48.53	ug/L	99
46) Tetrachloroethene	7.978	164	112324	49.07	ug/L	97
48) 2-Hexanone	8.141	43	334949	96.03	ug/L	98
49) Dibromochloromethane	8.248	129	149694	47.79	ug/L	99
50) 1,2-Dibromoethane	8.354	107	144488	47.48	ug/L	99
51) Chlorobenzene	8.884	112	374806	47.76	ug/L	100
52) Ethylbenzene	9.016	91	658736	48.96	ug/L	99
53) m,p-Xylene	9.141	106	246999	50.26	ug/L	98
54) o-xylene	9.547	106	234186	48.41	ug/L	99
55) Styrene	9.566	104	420593	50.29	ug/L	100
56) Isopropylbenzene	9.936	105	651935	49.82	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.248	83	210399	47.38	ug/L	98
59) 1,2,3-Trichloropropane	10.276	75	182324	46.46	ug/L	99
61) Bromoform	9.736	173	99172	46.10	ug/L	98
62) 1,3-Dichlorobenzene	11.186	146	307308	48.47	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	313791	48.23	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	305892	47.89	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.434	75	48541	43.69	ug/L	99
67) 1,3,5-Trichlorobenzene	12.653	180	235992	49.56	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	209548	49.77	ug/L	98
69) Naphthalene	13.511	128	603064	49.52	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	205540	50.30	ug/L	99

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

