

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011521\
 Data File : VW020033.D
 Acq On : 15 Jan 2021 18:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Jan 16 04:48:48 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	5.621	114	380793	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	374622	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	200156	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	117842	36.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.38%		
7) Chloroethane-d5	1.570	69	109294	42.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.26%		
11) 1,1-Dichloroethene-d2	2.110	63	269531	42.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.22%		
21) 2-Butanone-d5	3.897	46	204808	98.29	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.29%		
24) Chloroform-d	4.354	84	258272	44.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.28%		
26) 1,2-Dichloroethane-d4	5.036	65	181321	46.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.20%		
32) Benzene-d6	5.055	84	444597	42.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.10%		
36) 1,2-Dichloropropane-d6	6.077	67	144490	43.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.54%		
41) Toluene-d8	7.322	98	399967	41.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.48%		
43) trans-1,3-Dichloroprop...	7.627	79	69171	40.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.76%		
47) 2-Hexanone-d5	8.093	63	131667	99.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.49%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	214212	48.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.00%		
64) 1,2-Dichlorobenzene-d4	11.633	152	165181	42.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	157627	42.84	ug/L	99
3) Chloromethane	1.242	50	169233	47.99	ug/L	99
5) Vinyl chloride	1.312	62	169282	47.43	ug/L	100
6) Bromomethane	1.525	94	103086	46.32	ug/L	95
8) Chloroethane	1.586	64	113172	51.52	ug/L	100
9) Trichlorofluoromethane	1.753	101	253168	50.49	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	135288	48.58	ug/L	96
12) 1,1-Dichloroethene	2.119	96	132634	49.39	ug/L	87
13) Acetone	2.190	43	158851	86.29	ug/L	98
14) Carbon disulfide	2.296	76	351963	44.11	ug/L	100
15) Methyl Acetate	2.438	43	158296	50.67	ug/L	99
16) Methylene chloride	2.508	84	144086	50.49	ug/L	99
17) trans-1,2-Dichloroethene	2.762	96	131033	48.68	ug/L	99
18) Methyl tert-butyl Ether	2.772	73	435400	49.67	ug/L	98
19) 1,1-Dichloroethane	3.193	63	257167	49.97	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	140279	48.80	ug/L	99
22) 2-Butanone	3.981	43	223669	100.83	ug/L	100
23) Bromochloromethane	4.254	128	73617	49.01	ug/L	93
25) Chloroform	4.380	83	270485	49.99	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	237079	52.44	ug/L	99
29) Cyclohexane	4.682	56	198772	44.87	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	235018	47.69	ug/L	99
31) Carbon tetrachloride	4.833	117	191623	45.61	ug/L	99
33) Benzene	5.106	78	537460	49.42	ug/L	100
34) Trichloroethene	5.920	95	146451	46.99	ug/L	99
35) Methylcyclohexane	6.138	83	198990	44.68	ug/L	99
37) 1,2-Dichloropropane	6.180	63	142407	50.48	ug/L	98
38) Bromodichloromethane	6.515	83	197999	48.59	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	224315	50.78	ug/L	100
40) 4-Methyl-2-pentanone	7.232	43	450992	104.05	ug/L	98
42) Toluene	7.392	91	570746	49.28	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	215989	48.20	ug/L	100
45) 1,1,2-Trichloroethane	7.843	97	139697	50.39	ug/L	99
46) Tetrachloroethene	7.981	164	101957	45.57	ug/L	99
48) 2-Hexanone	8.145	43	354697	104.03	ug/L	98
49) Dibromochloromethane	8.251	129	148207	48.40	ug/L	96
50) 1,2-Dibromoethane	8.357	107	149286	50.18	ug/L	100
51) Chlorobenzene	8.888	112	370771	48.34	ug/L	99
52) Ethylbenzene	9.016	91	636686	48.41	ug/L	99
53) m,p-Xylene	9.145	106	231884	48.27	ug/L	97
54) o-xylene	9.550	106	228542	48.33	ug/L	98
55) Styrene	9.566	104	401696	49.13	ug/L	99
56) Isopropylbenzene	9.939	105	602694	47.12	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	218660	50.37	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	191552	49.93	ug/L	99
61) Bromoform	9.736	173	94546	46.39	ug/L	100
62) 1,3-Dichlorobenzene	11.187	146	284462	47.36	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	292342	47.43	ug/L	99
65) 1,2-Dichlorobenzene	11.650	146	293348	48.48	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.434	75	52123	49.52	ug/L	97
67) 1,3,5-Trichlorobenzene	12.653	180	213883	47.42	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	193580	48.54	ug/L	99
69) Naphthalene	13.511	128	595972	51.66	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	191345	49.43	ug/L	100

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

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