

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032621\
 Data File : VW020769.D
 Acq On : 26 Mar 2021 20:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Mar 27 06:56:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 06:50:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	659451	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	649540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	368112	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	202523	43.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.52%		
7) Chloroethane-d5	1.571	69	162188	45.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.64%		
11) 1,1-Dichloroethene-d2	2.111	63	422982	47.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.78%		
21) 2-Butanone-d5	3.892	46	292606	96.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.07%		
24) Chloroform-d	4.352	84	467214	50.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.42%		
26) 1,2-Dichloroethane-d4	5.037	65	313173	51.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.18%		
32) Benzene-d6	5.053	84	847548	48.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.90%		
36) 1,2-Dichloropropane-d6	6.075	67	257406	48.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.86%		
41) Toluene-d8	7.320	98	807076	50.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.16%		
43) trans-1,3-Dichloroprop...	7.625	79	141841	50.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.30%		
47) 2-Hexanone-d5	8.091	63	225973	101.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.40%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	378708	48.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.82%		
64) 1,2-Dichlorobenzene-d4	11.632	152	357506	50.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	298895	48.38	ug/L	99
3) Chloromethane	1.243	50	225544	45.73	ug/L	99
5) Vinyl chloride	1.314	62	238379	47.31	ug/L	98
6) Bromomethane	1.526	94	156877	49.39	ug/L	99
8) Chloroethane	1.587	64	142281	48.88	ug/L	100
9) Trichlorofluoromethane	1.754	101	436783	50.72	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	211073	50.99	ug/L	98
12) 1,1-Dichloroethene	2.121	96	195335	50.76	ug/L	95
13) Acetone	2.182	43	193271	88.98	ug/L	99
14) Carbon disulfide	2.297	76	603639	47.44	ug/L	100
15) Methyl Acetate	2.436	43	222885	49.15	ug/L	97
16) Methylene chloride	2.510	84	232109	49.46	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	226976	51.43	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	713983	52.18	ug/L	99
19) 1,1-Dichloroethane	3.195	63	414199	50.52	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	241420	51.13	ug/L	96
22) 2-Butanone	3.976	43	314896	99.05	ug/L	97
23) Bromochloromethane	4.252	128	132158	52.00	ug/L	95
25) Chloroform	4.378	83	459272	52.67	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	372896	53.53	ug/L	100
29) Cyclohexane	4.683	56	357136	48.61	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	429297	53.44	ug/L	99
31) Carbon tetrachloride	4.831	117	379473	52.89	ug/L	100
33) Benzene	5.104	78	925935	51.68	ug/L	100
34) Trichloroethene	5.918	95	253736	51.67	ug/L	97
35) Methylcyclohexane	6.137	83	374358	49.68	ug/L	98
37) 1,2-Dichloropropane	6.178	63	236183	50.27	ug/L	99
38) Bromodichloromethane	6.513	83	340536	51.61	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	382530	52.74	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	636168	100.97	ug/L	99
42) Toluene	7.391	91	1020942	52.43	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	384559	52.65	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	238924	51.69	ug/L	99
46) Tetrachloroethene	7.979	164	213346	52.04	ug/L	98
48) 2-Hexanone	8.143	43	504840	104.96	ug/L	99
49) Dibromochloromethane	8.249	129	285314	53.00	ug/L	100
50) 1,2-Dibromoethane	8.355	107	259703	52.47	ug/L	98
51) Chlorobenzene	8.886	112	670112	51.26	ug/L	99
52) Ethylbenzene	9.017	91	1167141	52.52	ug/L	99
53) m,p-Xylene	9.143	106	442450	53.53	ug/L	99
54) o-xylene	9.548	106	426060	53.48	ug/L	94
55) Styrene	9.564	104	764995	54.65	ug/L	100
56) Isopropylbenzene	9.937	105	1169420	53.30	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	385438	51.12	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	318600	51.93	ug/L	98
61) Bromoform	9.738	173	214201	51.25	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	573484	51.05	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	589787	50.48	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	574604	51.90	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	93649	50.03	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	443777	50.96	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	389498	52.76	ug/L	100
69) Naphthalene	13.509	128	1172496	55.48	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	395857	53.54	ug/L	100

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

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