

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052821\
 Data File : VW021451.D
 Acq On : 28 May 2021 13:13
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050191

Manual Integrations
 APPROVED

SAM
 6/1/2021 6:40:38 PM

Quant Time: May 29 00:51:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 29 00:49:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	491589	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	458497	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	267846	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	133169	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.30%
7) Chloroethane-d5	1.568	69	102265	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.96%
11) 1,1-Dichloroethene-d2	2.108	63	238305	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
21) 2-Butanone-d5	3.880	46	223172	96.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	4.346	84	287817	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
26) 1,2-Dichloroethane-d4	5.027	65	167505	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
32) Benzene-d6	5.047	84	571869	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
36) 1,2-Dichloropropane-d6	6.066	67	178096	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.314	98	541259	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%
43) trans-1,3-Dichloroprop...	7.619	79	94843	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
47) 2-Hexanone-d5	8.085	63	171334	94.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.20%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	251293	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
66) 1,2-Dichlorobenzene-d4	11.622	152	247029	44.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.74%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	154182	45.25	ug/L	100
3) Chloromethane	1.240	50	151061	44.50	ug/L	100
5) Vinyl chloride	1.311	62	160483	46.07	ug/L	99
6) Bromomethane	1.523	94	108370	45.42	ug/L	97
8) Chloroethane	1.584	64	88558	44.71	ug/L	100
9) Trichlorofluoromethane	1.751	101	237560	45.97	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	139609	46.48	ug/L	99
12) 1,1-Dichloroethene	2.118	96	132300	45.86	ug/L	93
13) Acetone	2.175	43	184971m	92.63	ug/L	
14) Carbon disulfide	2.294	76	410303	45.11	ug/L	100
15) Methyl Acetate	2.429	43	155087	45.33	ug/L	98
16) Methylene chloride	2.507	84	160343	44.36	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	153740	46.71	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	478028	45.81	ug/L	100
19) 1,1-Dichloroethane	3.188	63	267027	45.78	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	167872	45.59	ug/L	98
22) 2-Butanone	3.966	43	239529	94.69	ug/L	100
23) Bromochloromethane	4.246	128	92481	45.34	ug/L	97
25) Chloroform	4.372	83	272729	45.18	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	190148	45.60	ug/L	97
29) Cyclohexane	4.674	56	244651	45.80	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	256076	45.24	ug/L	99
31) Carbon tetrachloride	4.825	117	233687	45.48	ug/L	99
33) Benzene	5.095	78	596697	45.47	ug/L	100
34) Trichloroethene	5.912	95	164459	46.10	ug/L	99
35) Methylcyclohexane	6.130	83	262385	45.82	ug/L	99
37) 1,2-Dichloropropane	6.172	63	151933	45.41	ug/L	100
38) Bromodichloromethane	6.506	83	213159	45.40	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	257363	45.75	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	420657	92.72	ug/L	99
42) Toluene	7.387	91	667089	45.82	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	246064	46.24	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	154792	45.58	ug/L	99
46) Tetrachloroethene	7.973	164	151324	46.14	ug/L	98
48) 2-Hexanone	8.137	43	332523	95.57	ug/L	99
49) Dibromochloromethane	8.246	129	193299	45.46	ug/L	99
50) 1,2-Dibromoethane	8.349	107	173646	46.46	ug/L	99
51) Chlorobenzene	8.879	112	443208	46.05	ug/L	99
52) Ethylbenzene	9.011	91	737394	46.12	ug/L	99
53) m,p-Xylene	9.137	106	283655	46.17	ug/L	99
54) o-Xylene	9.542	106	277338	45.72	ug/L	99
55) Styrene	9.561	104	484496	46.41	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	242748	45.79	ug/L	100
59) Bromoform	9.731	173	166181	45.98	ug/L	100
60) Isopropylbenzene	9.931	105	755934	45.55	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	187306	44.51	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	648858	45.41	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	658781	45.64	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	386888	46.15	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	387012	45.72	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	381642	45.46	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	58532	44.64	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	327969	46.37	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	296438	46.92	ug/L	99
71) Naphthalene	13.500	128	798607	45.82	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	284301	46.23	ug/L	99

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

