

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052722\
 Data File : VW025977.D
 Acq On : 27 May 2022 14:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050298

Quant Time: May 27 22:35:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 27 22:34:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	340074	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	345507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	195614	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	167525	38.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.340%
7) Chloroethane-d5	1.571	69	139038	36.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.140%
11) 1,1-Dichloroethene-d2	2.111	63	324596	42.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.580%
21) 2-Butanone-d5	3.899	46	175490	93.288	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.290%
24) Chloroform-d	4.349	84	280536	45.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.520%
26) 1,2-Dichloroethane-d4	5.034	65	166522	44.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.900%
32) Benzene-d6	5.050	84	560818	46.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
36) 1,2-Dichloropropane-d6	6.069	67	171940	46.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	7.313	98	517287	46.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
43) trans-1,3-Dichloroprop...	7.619	79	75877	45.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.900%
47) 2-Hexanone-d5	8.088	63	133186	98.197	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	249997	50.674	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.340%
66) 1,2-Dichlorobenzene-d4	11.622	152	198455	46.250	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	151261	43.020	ug/L	99
3) Chloromethane	1.243	50	181579	42.701	ug/L	99
5) Vinyl chloride	1.314	62	191310	44.252	ug/L	100
6) Bromomethane	1.526	94	107569	40.947	ug/L	100
8) Chloroethane	1.587	64	126468	39.171	ug/L	96
9) Trichlorofluoromethane	1.757	101	278338	45.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	158426	48.535	ug/L	99
12) 1,1-Dichloroethene	2.121	96	147738	46.018	ug/L	96
13) Acetone	2.191	43	126493	98.537	ug/L	88
14) Carbon disulfide	2.294	76	349044	43.955	ug/L	100
15) Methyl Acetate	2.442	43	133329	48.479	ug/L	96
16) Methylene chloride	2.510	84	156503	50.327	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	133110	48.258	ug/L	100
18) Methyl tert-butyl Ether	2.773	73	418314	52.145	ug/L	99
19) 1,1-Dichloroethane	3.191	63	262733	50.997	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	145778	48.963	ug/L	98
22) 2-Butanone	3.986	43	172122	100.542	ug/L	94
23) Bromochloromethane	4.249	128	79604	50.619	ug/L	96
25) Chloroform	4.378	83	271517	49.734	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	200000	48.455	ug/L	100
29) Cyclohexane	4.680	56	206710	49.418	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	234229	49.917	ug/L	99
31) Carbon tetrachloride	4.828	117	193893	49.218	ug/L	99
33) Benzene	5.101	78	594786	51.126	ug/L	100
34) Trichloroethene	5.915	95	145810	47.919	ug/L	97
35) Methylcyclohexane	6.130	83	228937	50.236	ug/L	99
37) 1,2-Dichloropropane	6.172	63	159171	54.465	ug/L	99
38) Bromodichloromethane	6.510	83	194266	49.157	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	211350	50.714	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	385076	112.725	ug/L	100
42) Toluene	7.387	91	633042	50.724	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	208628	52.035	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	153947	51.844	ug/L	98
46) Tetrachloroethene	7.976	164	110606	49.277	ug/L	97
48) 2-Hexanone	8.140	43	310560	116.842	ug/L	100
49) Dibromochloromethane	8.246	129	142231	48.560	ug/L	98
50) 1,2-Dibromoethane	8.352	107	155507	51.498	ug/L	98
51) Chlorobenzene	8.879	112	405447	50.734	ug/L	100
52) Ethylbenzene	9.011	91	659436	51.215	ug/L	100
53) m,p-Xylene	9.137	106	259760	52.013	ug/L	98
54) o-Xylene	9.542	106	252826	51.535	ug/L	100
55) Styrene	9.558	104	459056	53.702	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	249072	56.218	ug/L	100
59) Bromoform	9.728	173	84888	44.986	ug/L	99
60) Isopropylbenzene	9.931	105	669292	51.080	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	198481	51.263	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	340394	50.400	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	542451	51.766	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	312597	50.401	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	316904	48.756	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	317057	49.423	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	45853	51.296	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	213068	49.754	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	182218	49.968	ug/L	99
71) Naphthalene	13.500	128	578351	53.552	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	194535	52.349	ug/L	99

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

