

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027136.D
 Acq On : 01 Aug 2022 19:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050322

Quant Time: Aug 02 00:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:15:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	639884	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	615138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	321131	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	198431	47.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.700%
7) Chloroethane-d5	1.561	69	157498	50.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.500%
11) 1,1-Dichloroethene-d2	2.104	63	375379	47.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.080%
21) 2-Butanone-d5	3.873	46	273966	100.343	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.340%
24) Chloroform-d	4.339	84	408729	48.760	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	5.024	65	233233	49.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
32) Benzene-d6	5.043	84	828257	50.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	6.063	67	256444	50.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.860%
41) Toluene-d8	7.310	98	763251	52.012	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.020%
43) trans-1,3-Dichloroprop...	7.615	79	113260	51.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.500%
47) 2-Hexanone-d5	8.085	63	207346	106.661	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.660%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	370744	49.256	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	11.622	152	284736	50.452	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	295602	48.279	ug/L	100
3) Chloromethane	1.240	50	274880	47.345	ug/L	99
5) Vinyl chloride	1.307	62	295228	48.851	ug/L	100
6) Bromomethane	1.516	94	149921	47.836	ug/L	99
8) Chloroethane	1.577	64	176050	54.370	ug/L	99
9) Trichlorofluoromethane	1.748	101	376491	47.283	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	219576	48.084	ug/L	99
12) 1,1-Dichloroethene	2.114	96	209982	47.324	ug/L	96
13) Acetone	2.162	43	209370	90.813	ug/L	99
14) Carbon disulfide	2.288	76	643056	48.663	ug/L	99
15) Methyl Acetate	2.423	43	240143	47.878	ug/L	98
16) Methylene chloride	2.500	84	261066	46.417	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	232209	49.166	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	695732	51.279	ug/L	100
19) 1,1-Dichloroethane	3.182	63	417437	48.267	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	249842	49.835	ug/L	99
22) 2-Butanone	3.953	43	312307	98.303	ug/L	98
23) Bromochloromethane	4.239	128	138756	48.713	ug/L	99
25) Chloroform	4.365	83	441925	48.532	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	308172	48.880	ug/L	99
29) Cyclohexane	4.670	56	325262	52.227	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	376471	48.806	ug/L	99
31) Carbon tetrachloride	4.821	117	324290	48.892	ug/L	100
33) Benzene	5.091	78	971735	51.506	ug/L	100
34) Trichloroethene	5.908	95	238635	49.184	ug/L	98
35) Methylcyclohexane	6.127	83	377330	52.401	ug/L	99
37) 1,2-Dichloropropane	6.165	63	251736	50.825	ug/L	100
38) Bromodichloromethane	6.503	83	321125	48.947	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	357430	51.441	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	611156	104.404	ug/L	100
42) Toluene	7.384	91	1013818	52.089	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	345656	51.776	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	258122	49.576	ug/L	99
46) Tetrachloroethene	7.969	164	188250	50.820	ug/L	99
48) 2-Hexanone	8.136	43	484625	106.480	ug/L	99
49) Dibromochloromethane	8.242	129	267575	49.507	ug/L	98
50) 1,2-Dibromoethane	8.349	107	267657	49.655	ug/L	100
51) Chlorobenzene	8.876	112	661215	49.091	ug/L	99
52) Ethylbenzene	9.008	91	1033162	51.796	ug/L	99
53) m,p-Xylene	9.136	106	418217	53.449	ug/L	99
54) o-Xylene	9.541	106	406873	53.121	ug/L	100
55) Styrene	9.558	104	730892	54.904	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	409088	48.455	ug/L	99
59) Bromoform	9.728	173	182031	49.099	ug/L	99
60) Isopropylbenzene	9.927	105	1043237	52.944	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	316685	47.499	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	445685	52.220	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	359877	52.188	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	501713	51.664	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	514959	50.266	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	514134	50.416	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	84753	47.514	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	354320	51.428	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	307850	53.215	ug/L	99
71) Naphthalene	13.500	128	1053585	55.443	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	339264	53.629	ug/L	99

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

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