

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072623\
 Data File : VW031755.D
 Acq On : 26 Jul 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050392

Quant Time: Jul 27 05:12:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 26 02:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	340591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	362185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	224999	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	156274	45.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.020%
7) Chloroethane-d5	1.529	69	142546	44.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.060	65	64579	40.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.360%
21) 2-Butanone-d5	3.786	46	205253	85.431	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.430%
24) Chloroform-d	4.253	84	329737	46.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
26) 1,2-Dichloroethane-d4	4.944	65	201983	45.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.960%
32) Benzene-d6	4.963	84	534286	46.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
36) 1,2-Dichloropropane-d6	5.992	67	194542	45.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	7.246	98	466134	48.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
43) trans-1,3-Dichloroprop...	7.555	79	77575	41.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.780%
47) 2-Hexanone-d5	8.027	63	136568	84.534	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.530%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	268396	45.216	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	11.564	152	197907	43.443	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	202670	48.149	ug/L	99
3) Chloromethane	1.217	50	195579	48.853	ug/L	99
5) Vinyl chloride	1.282	62	204297	50.378	ug/L	98
6) Bromomethane	1.484	94	138724	49.631	ug/L	97
8) Chloroethane	1.548	64	131656	48.642	ug/L	99
9) Trichlorofluoromethane	1.712	101	332094	48.578	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	189214	47.914	ug/L	98
12) 1,1-Dichloroethene	2.069	96	157828	48.087	ug/L	95
13) Acetone	2.111	43	154482	67.176	ug/L	97
14) Carbon disulfide	2.243	76	381842	47.328	ug/L	100
15) Methyl Acetate	2.372	43	212003	52.939	ug/L	98
16) Methylene chloride	2.449	84	177796	48.217	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	141373	48.421	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	467236	48.645	ug/L	99
19) 1,1-Dichloroethane	3.114	63	321717	47.601	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	159358	48.331	ug/L	98
22) 2-Butanone	3.867	43	213116	81.477	ug/L	98
23) Bromochloromethane	4.153	128	88045	48.226	ug/L	94
25) Chloroform	4.278	83	348348	48.658	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	261271	49.069	ug/L	97
29) Cyclohexane	4.587	56	205287	46.033	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	293802	47.223	ug/L	98
31) Carbon tetrachloride	4.738	117	254978	46.938	ug/L	99
33) Benzene	5.015	78	649387	50.975	ug/L	100
34) Trichloroethene	5.834	95	194155	48.297	ug/L	94
35) Methylcyclohexane	6.056	83	211035	47.196	ug/L	99
37) 1,2-Dichloropropane	6.095	63	191063	50.488	ug/L	98
38) Bromodichloromethane	6.436	83	265009	49.092	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	236821	44.081	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	484648	100.554	ug/L	96
42) Toluene	7.320	91	700654	53.553	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	251773	46.961	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	188399	49.338	ug/L	97
46) Tetrachloroethene	7.908	164	122928	48.396	ug/L	97
48) 2-Hexanone	8.079	43	358744	93.314	ug/L	95
49) Dibromochloromethane	8.182	129	196835	48.848	ug/L	98
50) 1,2-Dibromoethane	8.284	107	196628	48.878	ug/L	97
51) Chlorobenzene	8.818	112	428200	48.982	ug/L	100
52) Ethylbenzene	8.950	91	721870	50.913	ug/L	97
53) m,p-Xylene	9.079	106	272110	53.219	ug/L	96
54) o-Xylene	9.484	106	250098	51.036	ug/L	98
55) Styrene	9.500	104	497839	55.614	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	249215	47.066	ug/L #	94
59) Bromoform	9.667	173	141320	45.809	ug/L #	95
60) Isopropylbenzene	9.873	105	704751	50.189	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	237977	45.092	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	554617	48.815	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	573113	49.829	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	359953	49.038	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	382879	49.068	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	366904	48.546	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	63714	43.405	ug/L	96
69) 1,3,5-Trichlorobenzene	12.587	180	243379	45.461	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	210955	44.044	ug/L	100
71) Naphthalene	13.445	128	609379	44.138	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	238592	47.655	ug/L	99

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

