

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027127.D
 Acq On : 01 Aug 2022 11:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050321

Quant Time: Aug 01 11:48:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 01:28:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	565973	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	580027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	336006	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	217477	40.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.780%
7) Chloroethane-d5	1.565	69	174601	40.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.860%
11) 1,1-Dichloroethene-d2	2.105	63	403250	43.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.980%
21) 2-Butanone-d5	3.876	46	304659	99.228	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.230%
24) Chloroform-d	4.343	84	468447	48.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.024	65	264832	48.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
32) Benzene-d6	5.044	84	911300	44.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	6.066	67	285947	45.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.740%
41) Toluene-d8	7.310	98	823504	44.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.460%
43) trans-1,3-Dichloroprop...	7.619	79	124686	45.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.560%
47) 2-Hexanone-d5	8.085	63	241202	90.001	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	445335	47.378	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.760%
66) 1,2-Dichlorobenzene-d4	11.622	152	326822	43.269	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	304958	51.918	ug/L	100
3) Chloromethane	1.240	50	281370	52.387	ug/L	100
5) Vinyl chloride	1.307	62	299327	52.539	ug/L	99
6) Bromomethane	1.520	94	144922	41.420	ug/L	100
8) Chloroethane	1.581	64	163719	48.944	ug/L	98
9) Trichlorofluoromethane	1.748	101	392276	53.670	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	228445	54.142	ug/L	99
12) 1,1-Dichloroethene	2.114	96	217565	52.774	ug/L	90
13) Acetone	2.169	43	197639	86.910	ug/L	74
14) Carbon disulfide	2.288	76	677306	51.785	ug/L	100
15) Methyl Acetate	2.426	43	228238	60.394	ug/L	93
16) Methylene chloride	2.500	84	268799	51.152	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	233153	51.657	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	660823	53.304	ug/L	100
19) 1,1-Dichloroethane	3.182	63	425817	54.026	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	249377	53.430	ug/L	98
22) 2-Butanone	3.960	43	297657	118.647	ug/L	87
23) Bromochloromethane	4.240	128	142448	56.656	ug/L	99
25) Chloroform	4.368	83	452429	54.446	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	321773	56.273	ug/L	98
29) Cyclohexane	4.674	56	321365	51.567	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	390159	52.408	ug/L	100
31) Carbon tetrachloride	4.822	117	341342	52.669	ug/L	99
33) Benzene	5.095	78	995188	53.240	ug/L	100
34) Trichloroethene	5.908	95	242116	50.326	ug/L	98
35) Methylcyclohexane	6.127	83	381238	53.117	ug/L	99
37) 1,2-Dichloropropane	6.169	63	255599	54.636	ug/L	99
38) Bromodichloromethane	6.506	83	330922	53.256	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	353416	52.660	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	594191	100.418	ug/L	98
42) Toluene	7.384	91	1061312	55.069	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	347879	53.317	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	261996	52.309	ug/L	98
46) Tetrachloroethene	7.973	164	196918	52.330	ug/L	98
48) 2-Hexanone	8.137	43	473911	101.631	ug/L	99
49) Dibromochloromethane	8.243	129	276435	53.667	ug/L	99
50) 1,2-Dibromoethane	8.349	107	270217	51.449	ug/L	99
51) Chlorobenzene	8.879	112	682868	52.539	ug/L	98
52) Ethylbenzene	9.008	91	1071233	54.894	ug/L	99
53) m,p-Xylene	9.137	106	436218	56.831	ug/L	99
54) o-Xylene	9.542	106	414095	56.020	ug/L	98
55) Styrene	9.558	104	768789	59.427	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	417112	51.653	ug/L	99
59) Bromoform	9.728	173	186762	48.931	ug/L	100
60) Isopropylbenzene	9.928	105	1068758	50.970	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	322928	45.826	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	441096	49.149	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	355252	49.603	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	519477	51.034	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	541895	50.520	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	538051	50.615	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	85609	46.336	ug/L	98
69) 1,3,5-Trichlorobenzene	12.645	180	363046	52.585	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	299324	50.654	ug/L	99
71) Naphthalene	13.500	128	958668	46.625	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	344964	53.823	ug/L	100

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

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