

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030636.D
 Acq On : 18 Apr 2023 22:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

Quant Time: Apr 19 00:18:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235158	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	229716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	135872	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66667	38.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.340%
7) Chloroethane-d5	1.536	69	57457	39.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.540%
11) 1,1-Dichloroethene-d2	2.066	65	33559	41.050	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.100%
21) 2-Butanone-d5	3.796	46	96484	101.899	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.900%
24) Chloroform-d	4.259	84	141949	45.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	4.950	65	92879	46.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
32) Benzene-d6	4.970	84	254382	46.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	5.998	67	77334	45.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.680%
41) Toluene-d8	7.249	98	241895	47.437	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.880%
43) trans-1,3-Dichloroprop...	7.558	79	39020	45.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.780%
47) 2-Hexanone-d5	8.034	63	64182	96.573	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.570%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	121122	49.478	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.960%
66) 1,2-Dichlorobenzene-d4	11.567	152	99235	45.950	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	99633	49.279	ug/L	98
3) Chloromethane	1.217	50	128220	48.345	ug/L	99
5) Vinyl chloride	1.288	62	106171	49.654	ug/L	100
6) Bromomethane	1.491	94	48261	56.920	ug/L	100
8) Chloroethane	1.552	64	69768	47.572	ug/L	99
9) Trichlorofluoromethane	1.719	101	178377	51.472	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	91749	50.377	ug/L	99
12) 1,1-Dichloroethene	2.076	96	83759	50.868	ug/L	93
13) Acetone	2.121	43	111532	76.122	ug/L	99
14) Carbon disulfide	2.246	76	230910	49.649	ug/L	98
15) Methyl Acetate	2.378	43	108648	55.567	ug/L	100
16) Methylene chloride	2.455	84	94891	50.359	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	83455	50.205	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	285934	53.703	ug/L	98
19) 1,1-Dichloroethane	3.121	63	169387	49.979	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	94226	52.109	ug/L	97
22) 2-Butanone	3.876	43	141449	93.419	ug/L	98
23) Bromochloromethane	4.156	128	52051	51.539	ug/L	98
25) Chloroform	4.285	83	183546	52.324	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	161921	54.530	ug/L	99
29) Cyclohexane	4.593	56	140875	51.103	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	168390	52.168	ug/L	99
31) Carbon tetrachloride	4.744	117	147383	51.069	ug/L	98
33) Benzene	5.021	78	379870	54.456	ug/L	100
34) Trichloroethene	5.841	95	95258	52.499	ug/L	98
35) Methylcyclohexane	6.060	83	143427	50.447	ug/L	98
37) 1,2-Dichloropropane	6.101	63	99230	52.851	ug/L	99
38) Bromodichloromethane	6.439	83	140753	53.366	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	147168	52.225	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	300337	114.512	ug/L	100
42) Toluene	7.323	91	406179	54.362	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	143258	51.745	ug/L	96
45) 1,1,2-Trichloroethane	7.777	97	98450	52.292	ug/L	98
46) Tetrachloroethene	7.912	164	79766	50.224	ug/L	99
48) 2-Hexanone	8.082	43	234118	108.184	ug/L	98
49) Dibromochloromethane	8.185	129	106874	51.464	ug/L	98
50) 1,2-Dibromoethane	8.288	107	103228	52.917	ug/L	99
51) Chlorobenzene	8.821	112	257729	52.083	ug/L	99
52) Ethylbenzene	8.953	91	438841	53.054	ug/L	99
53) m,p-Xylene	9.082	106	171028	54.739	ug/L	99
54) o-Xylene	9.487	106	163737	53.569	ug/L	98
55) Styrene	9.503	104	296059	55.141	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	163589	52.923	ug/L	99
59) Bromoform	9.674	173	87768	51.594	ug/L	99
60) Isopropylbenzene	9.876	105	446048	52.639	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	127658	52.458	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	366403	52.517	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	362274	52.006	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	213803	50.396	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	224781	50.246	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	220088	51.424	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	36091	50.058	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	160327	50.028	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	135787	49.903	ug/L	99
71) Naphthalene	13.448	128	382075	51.331	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	140549	52.090	ug/L	99

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

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