

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039386.D
 Acq On : 20 Dec 2023 08:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050713

Quant Time: Dec 21 00:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	205520	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	196304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	98032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74636	46.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.600%
7) Chloroethane-d5	1.666	69	54412	45.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.340%
11) 1,1-Dichloroethene-d2	2.306	65	34546	48.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.640%
21) 2-Butanone-d5	4.440	46	136450	93.512	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.510%
24) Chloroform-d	5.050	84	144367	50.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
26) 1,2-Dichloroethane-d4	5.946	65	98945	53.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.080%
32) Benzene-d6	5.970	84	281613	46.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	7.299	67	90803	46.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.140%
41) Toluene-d8	8.647	98	252961	46.075	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.140%
43) trans-1,3-Dichloroprop...	8.945	79	44934	45.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.580%
47) 2-Hexanone-d5	9.378	63	102255	87.811	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	133023	48.095	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	87762	47.363	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96751	59.031	ug/L	98
3) Chloromethane	1.294	50	95901	55.981	ug/L	98
5) Vinyl chloride	1.374	62	90748	53.748	ug/L	97
6) Bromomethane	1.605	94	53495	58.700	ug/L	100
8) Chloroethane	1.691	64	53191	55.725	ug/L	98
9) Trichlorofluoromethane	1.892	101	131398	60.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	85704	60.889	ug/L	97
12) 1,1-Dichloroethene	2.319	96	75056	56.689	ug/L	91
13) Acetone	2.367	43	156304	111.504	ug/L	96
14) Carbon disulfide	2.514	76	215047	51.042	ug/L	100
15) Methyl Acetate	2.697	43	111617	55.708	ug/L	98
16) Methylene chloride	2.788	84	87360	57.430	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	77422	55.500	ug/L	93
18) Methyl tert-butyl Ether	3.105	73	279359	57.532	ug/L	97
19) 1,1-Dichloroethane	3.605	63	157571	57.126	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	90008	55.628	ug/L	97
22) 2-Butanone	4.544	43	177834	103.371	ug/L	99
23) Bromochloromethane	4.891	128	41961	55.167	ug/L	95
25) Chloroform	5.086	83	165086	60.005	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	135427	62.368	ug/L #	94
29) Cyclohexane	5.464	56	147707	53.789	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	136187	57.178	ug/L	97
31) Carbon tetrachloride	5.672	117	110888	55.802	ug/L	98
33) Benzene	6.031	78	338308	54.230	ug/L	100
34) Trichloroethene	7.117	95	92524	56.121	ug/L	94
35) Methylcyclohexane	7.373	83	147626	53.765	ug/L	97
37) 1,2-Dichloropropane	7.427	63	91791	53.054	ug/L	99
38) Bromodichloromethane	7.818	83	118004	56.076	ug/L #	95
39) cis-1,3-Dichloropropene	8.360	75	146596	53.126	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	314794	108.562	ug/L	97
42) Toluene	8.714	91	359029	54.272	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	140371	54.817	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	88408	55.759	ug/L	98
46) Tetrachloroethene	9.269	164	58752	54.022	ug/L	97
48) 2-Hexanone	9.427	43	263233	108.464	ug/L	97
49) Dibromochloromethane	9.518	129	84164	54.487	ug/L	100
50) 1,2-Dibromoethane	9.604	107	92540	54.479	ug/L	98
51) Chlorobenzene	10.073	112	227093	55.575	ug/L	95
52) Ethylbenzene	10.189	91	414572	56.056	ug/L	99
53) m,p-Xylene	10.299	106	150841	54.551	ug/L	97
54) o-Xylene	10.640	106	146773	55.317	ug/L	99
55) Styrene	10.652	104	254840	56.134	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	149677	54.092	ug/L	97
59) Bromoform	10.799	173	57307	49.740	ug/L	98
60) Isopropylbenzene	10.957	105	404598	56.482	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	118532	55.196	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	343420	56.786	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	338252	57.041	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	169368	55.240	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	171381	55.161	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	162284	55.332	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	35625	53.154	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	113654	56.052	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	104124	54.472	ug/L	99
71) Naphthalene	13.774	128	351620	53.637	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	101966	55.092	ug/L	99

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

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