

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039415.D
 Acq On : 21 Dec 2023 09:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050715

Quant Time: Dec 22 00:35:59 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	181151	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	172478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	87307	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	67910	47.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.600%
7) Chloroethane-d5	1.666	69	51091	48.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.300%
11) 1,1-Dichloroethene-d2	2.306	65	32869	52.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.400%
21) 2-Butanone-d5	4.440	46	135454	105.317	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.320%
24) Chloroform-d	5.050	84	138444	55.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.080%
26) 1,2-Dichloroethane-d4	5.952	65	94080	57.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.520%
32) Benzene-d6	5.970	84	263010	49.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
36) 1,2-Dichloropropane-d6	7.305	67	86327	50.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.780%
41) Toluene-d8	8.647	98	238910	49.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.060%
43) trans-1,3-Dichloroprop...	8.945	79	42161	48.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.720%
47) 2-Hexanone-d5	9.378	63	100490	98.216	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.220%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130632	53.755	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.520%
66) 1,2-Dichlorobenzene-d4	12.317	152	85090	51.562	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	85991	59.524	ug/L	100
3) Chloromethane	1.294	50	86849	57.517	ug/L	99
5) Vinyl chloride	1.374	62	82190	55.228	ug/L	97
6) Bromomethane	1.611	94	49116	61.145	ug/L	99
8) Chloroethane	1.691	64	47163	56.057	ug/L	98
9) Trichlorofluoromethane	1.892	101	117745	61.048	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	77813	62.719	ug/L	96
12) 1,1-Dichloroethene	2.319	96	69532	59.582	ug/L	95
13) Acetone	2.373	43	145265	117.569	ug/L	95
14) Carbon disulfide	2.514	76	193083	51.994	ug/L	100
15) Methyl Acetate	2.697	43	100673	57.005	ug/L	98
16) Methylene chloride	2.788	84	78965	58.894	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	71192	57.899	ug/L	96
18) Methyl tert-butyl Ether	3.105	73	252386	58.969	ug/L	98
19) 1,1-Dichloroethane	3.605	63	145559	59.870	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	82107	57.571	ug/L	96
22) 2-Butanone	4.544	43	164436	108.442	ug/L	100
23) Bromochloromethane	4.891	128	38314	57.149	ug/L	95
25) Chloroform	5.086	83	149739	61.748	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	123724	64.643	ug/L	95
29) Cyclohexane	5.464	56	132402	54.876	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	122604	58.586	ug/L	98
31) Carbon tetrachloride	5.678	117	98645	56.498	ug/L	100
33) Benzene	6.031	78	305833	55.797	ug/L	100
34) Trichloroethene	7.116	95	83433	57.598	ug/L	94
35) Methylcyclohexane	7.379	83	130593	54.132	ug/L	96
37) 1,2-Dichloropropane	7.427	63	86988	57.223	ug/L	100
38) Bromodichloromethane	7.818	83	106435	57.565	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	131775	54.351	ug/L	99
40) 4-Methyl-2-pentanone	8.567	43	284256	111.573	ug/L	98
42) Toluene	8.714	91	326389	56.154	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	126808	56.361	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	79862	57.327	ug/L	98
46) Tetrachloroethene	9.268	164	54461	56.994	ug/L	95
48) 2-Hexanone	9.427	43	237773	111.508	ug/L	98
49) Dibromochloromethane	9.518	129	75872	55.905	ug/L	99
50) 1,2-Dibromoethane	9.604	107	85435	57.244	ug/L	99
51) Chlorobenzene	10.073	112	203505	56.682	ug/L	95
52) Ethylbenzene	10.189	91	373368	57.459	ug/L	100
53) m,p-Xylene	10.299	106	137353	56.535	ug/L	96
54) o-Xylene	10.640	106	131801	56.537	ug/L	97
55) Styrene	10.652	104	231969	58.154	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	137958	56.744	ug/L	99
59) Bromoform	10.799	173	50921	49.626	ug/L	99
60) Isopropylbenzene	10.957	105	366885	57.509	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	108643	56.805	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	310984	57.740	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	306323	58.002	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	155312	56.879	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	157038	56.754	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	148945	57.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	31845	53.351	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	103216	57.158	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	95480	56.086	ug/L	99
71) Naphthalene	13.774	128	319493	54.723	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	91424	55.464	ug/L	98

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

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