

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013125\
 Data File : VX044800.D
 Acq On : 31 Jan 2025 16:38
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050823

Quant Time: Feb 03 07:35:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 07:31:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	276558	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	244905	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	114981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	92064	44.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.440%
7) Chloroethane-d5	1.654	69	58522	73.998	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	148.000%#
11) 1,1-Dichloroethene-d2	2.300	65	44209	49.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.360%
21) 2-Butanone-d5	4.452	46	109336	122.854	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.850%
24) Chloroform-d	5.050	84	187365	51.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	5.952	65	112399	51.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.380%
32) Benzene-d6	5.964	84	380181	49.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
36) 1,2-Dichloropropane-d6	7.306	67	120900	49.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.760%
41) Toluene-d8	8.647	98	335875	49.557	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	8.946	79	58009	50.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.920%
47) 2-Hexanone-d5	9.385	63	79311	110.563	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.560%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167381	55.572	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	115685	51.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98911	50.009	ug/L	99
3) Chloromethane	1.307	50	114227	46.840	ug/L	98
5) Vinyl chloride	1.368	62	101280	45.223	ug/L	100
6) Bromomethane	1.593	94	29827	49.206	ug/L	97
8) Chloroethane	1.672	64	50287	56.236	ug/L	98
9) Trichlorofluoromethane	1.880	101	136334	54.599	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	91036	49.560	ug/L	98
12) 1,1-Dichloroethene	2.313	96	86827	50.655	ug/L	95
13) Acetone	2.380	43	90169	101.604	ug/L	99
14) Carbon disulfide	2.508	76	247623	47.175	ug/L	99
15) Methyl Acetate	2.703	43	109807	53.470	ug/L	97
16) Methylene chloride	2.782	84	101118	51.578	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	89650	49.998	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	315101	50.971	ug/L	98
19) 1,1-Dichloroethane	3.605	63	175632	50.095	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	107082	49.890	ug/L	98
22) 2-Butanone	4.550	43	148451	101.444	ug/L	100
23) Bromochloromethane	4.891	128	50856	48.043	ug/L	94
25) Chloroform	5.087	83	174878	49.163	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	132521	49.658	ug/L	97
29) Cyclohexane	5.464	56	178172	47.393	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	146888	47.406	ug/L	100
31) Carbon tetrachloride	5.672	117	121663	45.786	ug/L	100
33) Benzene	6.031	78	394361	48.861	ug/L	100
34) Trichloroethene	7.123	95	98248	47.835	ug/L	98
35) Methylcyclohexane	7.373	83	165507	47.103	ug/L	100
37) 1,2-Dichloropropane	7.428	63	105206	48.191	ug/L	100
38) Bromodichloromethane	7.818	83	128333	46.839	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	169241	47.751	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	300073	103.977	ug/L	99
42) Toluene	8.714	91	411767	49.727	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	151181	47.648	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	100345	49.244	ug/L	97
46) Tetrachloroethene	9.269	164	69589	47.712	ug/L	98
48) 2-Hexanone	9.427	43	226145	109.359	ug/L	98
49) Dibromochloromethane	9.519	129	95382	46.413	ug/L	99
50) 1,2-Dibromoethane	9.604	107	104383	48.875	ug/L	97
51) Chlorobenzene	10.080	112	259236	50.148	ug/L	96
52) Ethylbenzene	10.189	91	455723	50.349	ug/L	100
53) m,p-Xylene	10.299	106	173464	51.048	ug/L	97
54) o-Xylene	10.640	106	169287	50.542	ug/L	97
55) Styrene	10.653	104	290292	52.513	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	162465	51.387	ug/L	98
59) Bromoform	10.799	173	67185	44.172	ug/L	100
60) Isopropylbenzene	10.957	105	446160	48.315	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	120808	47.590	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	372033	49.110	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	369708	49.273	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	188342	49.614	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	188647	49.925	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	182601	48.517	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	32129	46.450	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	123693	49.726	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	114991	51.277	ug/L	98
71) Naphthalene	13.774	128	434345	49.940	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	110779	48.715	ug/L	99

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

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