

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013125\
 Data File : VX044783.D
 Acq On : 31 Jan 2025 09:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050822

Quant Time: Feb 03 07:28:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	268883	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	236895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	106474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99788	49.303	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.600%
7) Chloroethane-d5	1.642	69	35590	46.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.580%
11) 1,1-Dichloroethene-d2	2.294	65	44235	51.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.260%
21) 2-Butanone-d5	4.453	46	105673	122.128	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.130%
24) Chloroform-d	5.044	84	174157	48.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.940%
26) 1,2-Dichloroethane-d4	5.946	65	103071	48.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.560%
32) Benzene-d6	5.964	84	356650	48.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
36) 1,2-Dichloropropane-d6	7.300	67	112147	47.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.660%
41) Toluene-d8	8.641	98	311057	47.447	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.900%
43) trans-1,3-Dichloroprop...	8.946	79	52702	47.389	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
47) 2-Hexanone-d5	9.385	63	67262	96.937	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	146204	50.182	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	102568	49.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	106562	55.415	ug/L	91
3) Chloromethane	1.301	50	122876	51.824	ug/L	99
5) Vinyl chloride	1.374	62	117429	53.930	ug/L	98
6) Bromomethane	1.593	94	32340	54.875	ug/L	97
8) Chloroethane	1.666	64	47511	54.648	ug/L	97
9) Trichlorofluoromethane	1.874	101	139824	57.595	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	98334	55.061	ug/L	99
12) 1,1-Dichloroethene	2.313	96	88842	53.310	ug/L	96
13) Acetone	2.380	43	90634	105.043	ug/L	96
14) Carbon disulfide	2.502	76	254983	49.964	ug/L	100
15) Methyl Acetate	2.703	43	103296	51.735	ug/L	98
16) Methylene chloride	2.782	84	101509	53.256	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	91002	52.201	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	311095	51.759	ug/L	98
19) 1,1-Dichloroethane	3.599	63	178237	52.289	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	105770	50.686	ug/L	99
22) 2-Butanone	4.556	43	139497	98.046	ug/L	99
23) Bromochloromethane	4.891	128	52068	50.592	ug/L	98
25) Chloroform	5.080	83	177805	51.412	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	132672	51.133	ug/L	97
29) Cyclohexane	5.458	56	183692	50.513	ug/L	97
30) 1,1,1-Trichloroethane	5.373	97	149171	49.770	ug/L	99
31) Carbon tetrachloride	5.666	117	126462	49.201	ug/L	99
33) Benzene	6.025	78	397909	50.968	ug/L	100
34) Trichloroethene	7.117	95	99348	50.006	ug/L	97
35) Methylcyclohexane	7.373	83	172106	50.637	ug/L	100
37) 1,2-Dichloropropane	7.422	63	104388	49.433	ug/L	99
38) Bromodichloromethane	7.818	83	131903	49.769	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	169963	49.576	ug/L	97
40) 4-Methyl-2-pentanone	8.568	43	280160	100.360	ug/L	99
42) Toluene	8.714	91	414681	51.772	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	152364	49.644	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	101385	51.437	ug/L	98
46) Tetrachloroethene	9.269	164	70331	49.851	ug/L	96
48) 2-Hexanone	9.427	43	208469	104.220	ug/L	99
49) Dibromochloromethane	9.519	129	98946	49.775	ug/L	100
50) 1,2-Dibromoethane	9.604	107	104055	50.369	ug/L	98
51) Chlorobenzene	10.073	112	261376	52.272	ug/L	99
52) Ethylbenzene	10.189	91	453169	51.759	ug/L	99
53) m,p-Xylene	10.299	106	172624	52.518	ug/L	98
54) o-Xylene	10.640	106	171377	52.896	ug/L	96
55) Styrene	10.653	104	286037	53.492	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	154190	50.418	ug/L	99
59) Bromoform	10.799	173	66990	47.562	ug/L	99
60) Isopropylbenzene	10.957	105	442523	51.750	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	113507	48.286	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	367440	52.379	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	364835	52.509	ug/L	100
64) 1,3-Dichlorobenzene	11.963	146	180915	51.466	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	178293	50.954	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	177312	50.876	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	29348	45.819	ug/L	93
69) 1,3,5-Trichlorobenzene	13.110	180	117988	51.222	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	107507	51.770	ug/L	98
71) Naphthalene	13.774	128	406265	50.444	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	106217	50.441	ug/L	99

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

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