

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111124\
 Data File : VX043777.D
 Acq On : 11 Nov 2024 08:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050783

Quant Time: Nov 12 00:49:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 23:56:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	369851	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	328252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	162449	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	92927	47.163	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.320%		
7) Chloroethane-d5	1.642	69	47835	56.481	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	112.960%		
11) 1,1-Dichloroethene-d2	2.294	65	42678	46.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.840%		
21) 2-Butanone-d5	4.452	46	126055	97.711	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.710%		
24) Chloroform-d	5.050	84	203495	47.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.820%		
26) 1,2-Dichloroethane-d4	5.946	65	122666	45.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.920%		
32) Benzene-d6	5.964	84	395681	46.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.240%		
36) 1,2-Dichloropropane-d6	7.306	67	119962	46.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.920%		
41) Toluene-d8	8.647	98	362663	47.042	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.080%		
43) trans-1,3-Dichloroprop...	8.946	79	59224	47.963	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.920%		
47) 2-Hexanone-d5	9.385	63	99747	97.618	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.620%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	170601	51.498	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.000%		
66) 1,2-Dichlorobenzene-d4	12.317	152	142165	50.510	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	115240	44.241	ug/L	99
3) Chloromethane	1.295	50	104951	41.459	ug/L	99
5) Vinyl chloride	1.374	62	108534	43.769	ug/L	97
6) Bromomethane	1.593	94	49393	51.403	ug/L	96
8) Chloroethane	1.660	64	46834	53.682	ug/L	100
9) Trichlorofluoromethane	1.868	101	150671	47.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	106476	49.267	ug/L	97
12) 1,1-Dichloroethene	2.307	96	96290	48.806	ug/L	79
13) Acetone	2.386	43	118992	99.171	ug/L	96
14) Carbon disulfide	2.502	76	187145	42.909	ug/L	96
15) Methyl Acetate	2.703	43	103312	40.719	ug/L	93
16) Methylene chloride	2.782	84	106145	44.532	ug/L	96
17) trans-1,2-Dichloroethene	3.081	96	97204	45.796	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	346243	42.912	ug/L	98
19) 1,1-Dichloroethane	3.599	63	180069	43.083	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	118080	44.790	ug/L	95
22) 2-Butanone	4.562	43	146712	84.517	ug/L	95
23) Bromochloromethane	4.891	128	62038	46.814	ug/L	92
25) Chloroform	5.087	83	196190	43.743	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	145697	42.041	ug/L	98
29) Cyclohexane	5.458	56	155054	40.709	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	167851	42.211	ug/L	99
31) Carbon tetrachloride	5.672	117	144989	44.445	ug/L	99
33) Benzene	6.025	78	403970	43.176	ug/L	100
34) Trichloroethene	7.117	95	110337	43.865	ug/L	98
35) Methylcyclohexane	7.373	83	167920	44.682	ug/L	95
37) 1,2-Dichloropropane	7.428	63	104270	41.837	ug/L #	86
38) Bromodichloromethane	7.818	83	136854	43.172	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	176150	43.293	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	277196	81.714	ug/L	94
42) Toluene	8.714	91	431244	43.821	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	163925	44.183	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	114791	44.915	ug/L	97
46) Tetrachloroethene	9.269	164	88695	48.987	ug/L	94
48) 2-Hexanone	9.427	43	218705	86.251	ug/L	96
49) Dibromochloromethane	9.519	129	114852	48.214	ug/L	99
50) 1,2-Dibromoethane	9.604	107	121984	46.227	ug/L	98
51) Chlorobenzene	10.080	112	295451	45.938	ug/L	95
52) Ethylbenzene	10.189	91	475491	44.451	ug/L	97
53) m,p-Xylene	10.299	106	194466	47.094	ug/L	97
54) o-Xylene	10.640	106	194518	47.251	ug/L	95
55) Styrene	10.653	104	324755	47.423	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	173959	45.447	ug/L	99
59) Bromoform	10.799	173	82251	48.406	ug/L	97
60) Isopropylbenzene	10.957	105	496101	44.043	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	130874	41.505	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	415626	43.898	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	420420	44.598	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	234561	47.341	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	231686	46.426	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	233921	46.200	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	32919	41.691	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.109	180	158776	48.047	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	142508	47.033	ug/L	98
71) Naphthalene	13.774	128	519067	46.131	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	146782	46.873	ug/L	98

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

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