

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121724\
 Data File : VX044335.D
 Acq On : 17 Dec 2024 08:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050802

Quant Time: Dec 18 03:00:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	246617	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	214634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	99129	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	101016	44.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.520%		
7) Chloroethane-d5	1.642	69	76517	43.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.540%		
11) 1,1-Dichloroethene-d2	2.294	65	39754	41.188	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.380%		
21) 2-Butanone-d5	4.459	46	145597	105.372	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.370%		
24) Chloroform-d	5.050	84	213304	49.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.560%		
26) 1,2-Dichloroethane-d4	5.952	65	138179	45.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.200%		
32) Benzene-d6	5.964	84	357850	48.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.500%		
36) 1,2-Dichloropropane-d6	7.300	67	114965	49.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.840%		
41) Toluene-d8	8.647	98	310041	45.214	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.420%		
43) trans-1,3-Dichloroprop...	8.946	79	51816	46.823	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.640%		
47) 2-Hexanone-d5	9.385	63	94624	105.385	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.390%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	163816	53.053	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	112005	48.494	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	95990	47.996	ug/L	100
3) Chloromethane	1.295	50	91260	49.464	ug/L	97
5) Vinyl chloride	1.374	62	98953	49.711	ug/L	98
6) Bromomethane	1.593	94	63441	46.892	ug/L	99
8) Chloroethane	1.660	64	66824	50.710	ug/L	98
9) Trichlorofluoromethane	1.868	101	164274	44.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	80399	49.222	ug/L	97
12) 1,1-Dichloroethene	2.307	96	69492	47.799	ug/L #	68
13) Acetone	2.386	43	82536	67.129	ug/L	95
14) Carbon disulfide	2.502	76	124821	45.321	ug/L	100
15) Methyl Acetate	2.703	43	94366	47.330	ug/L	96
16) Methylene chloride	2.782	84	83617	49.979	ug/L	93
17) trans-1,2-Dichloroethene	3.081	96	73240	48.370	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	283154	46.344	ug/L	97
19) 1,1-Dichloroethane	3.599	63	154383	48.601	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	92035	49.720	ug/L	97
22) 2-Butanone	4.556	43	127696	86.050	ug/L	99
23) Bromochloromethane	4.891	128	45931	50.881	ug/L #	91
25) Chloroform	5.080	83	172340	48.206	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	142655	47.997	ug/L	98
29) Cyclohexane	5.458	56	128200	48.140	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	140234	48.131	ug/L	97
31) Carbon tetrachloride	5.666	117	114431	50.143	ug/L	99
33) Benzene	6.032	78	327083	50.183	ug/L	100
34) Trichloroethene	7.117	95	87455	49.146	ug/L	93
35) Methylcyclohexane	7.373	83	127224	49.353	ug/L	98
37) 1,2-Dichloropropane	7.428	63	87426	49.953	ug/L	99
38) Bromodichloromethane	7.818	83	114431	49.905	ug/L	95
39) cis-1,3-Dichloropropene	8.360	75	137915	50.311	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	263255	97.160	ug/L	95
42) Toluene	8.714	91	346553	50.181	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	128814	49.577	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	90923	50.695	ug/L	97
46) Tetrachloroethene	9.269	164	62482	52.637	ug/L	93
48) 2-Hexanone	9.427	43	194918	91.367	ug/L	94
49) Dibromochloromethane	9.519	129	80688	50.898	ug/L	96
50) 1,2-Dibromoethane	9.604	107	90655	48.945	ug/L	96
51) Chlorobenzene	10.080	112	219965	49.646	ug/L	96
52) Ethylbenzene	10.189	91	382615	50.297	ug/L	97
53) m,p-Xylene	10.299	106	142918	51.870	ug/L	99
54) o-Xylene	10.640	106	141246	49.851	ug/L	95
55) Styrene	10.653	104	240475	52.038	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	139054	49.979	ug/L	99
59) Bromoform	10.799	173	50077	50.347	ug/L	97
60) Isopropylbenzene	10.957	105	373872	48.877	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	104701	45.603	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	310296	48.881	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	307967	49.433	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	157503	49.649	ug/L	97
65) 1,4-Dichlorobenzene	12.037	146	156982	49.450	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	159873	49.634	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	25166	48.228	ug/L	90
69) 1,3,5-Trichlorobenzene	13.110	180	101955	51.512	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	88538	50.219	ug/L	97
71) Naphthalene	13.774	128	334699	46.565	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	96900	51.738	ug/L	98

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

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