

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035204.D
 Acq On : 20 Apr 2023 09:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050633

Quant Time: Apr 20 23:24:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	514577	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	451754	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	221932	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	130551	39.347	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.700%		
7) Chloroethane-d5	1.672	69	98752	41.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.380%		
11) 1,1-Dichloroethene-d2	2.306	65	67305	42.394	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.780%		
21) 2-Butanone-d5	4.458	46	201171	90.982	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.980%		
24) Chloroform-d	5.056	84	292736	46.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.700%		
26) 1,2-Dichloroethane-d4	5.952	65	181565	45.249	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.500%		
32) Benzene-d6	5.970	84	593439	45.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.460%		
36) 1,2-Dichloropropane-d6	7.306	67	182771	46.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.220%		
41) Toluene-d8	8.647	98	537665	45.334	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.660%		
43) trans-1,3-Dichloroprop...	8.945	79	81069	46.797	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.600%		
47) 2-Hexanone-d5	9.384	63	148479	93.274	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.270%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	232334	47.858	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.720%		
66) 1,2-Dichlorobenzene-d4	12.317	152	198754	46.213	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	185338	48.058	ug/L	99
3) Chloromethane	1.294	50	157968	45.009	ug/L	100
5) Vinyl chloride	1.374	62	164152	45.070	ug/L	99
6) Bromomethane	1.617	94	88415	40.873	ug/L	96
8) Chloroethane	1.691	64	90275	44.442	ug/L	99
9) Trichlorofluoromethane	1.892	101	237815	48.218	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	167853	49.816	ug/L	99
12) 1,1-Dichloroethene	2.319	96	147709	48.047	ug/L	100
13) Acetone	2.392	43	194757	118.759	ug/L	99
14) Carbon disulfide	2.514	76	362777	47.762	ug/L	99
15) Methyl Acetate	2.703	43	160144	45.586	ug/L	99
16) Methylene chloride	2.788	84	163608	47.796	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	153194	48.392	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	520029	47.500	ug/L	99
19) 1,1-Dichloroethane	3.605	63	292917	48.000	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	178588	48.252	ug/L	98
22) 2-Butanone	4.562	43	247324	98.254	ug/L	97
23) Bromochloromethane	4.891	128	89470	48.807	ug/L	95
25) Chloroform	5.086	83	301132	48.671	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	237558	47.938	ug/L	100
29) Cyclohexane	5.470	56	257401	47.157	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	254274	47.991	ug/L	99
31) Carbon tetrachloride	5.678	117	218210	48.569	ug/L	100
33) Benzene	6.037	78	663464	48.496	ug/L	100
34) Trichloroethene	7.123	95	174731	48.013	ug/L	99
35) Methylcyclohexane	7.379	83	240435	49.058	ug/L	99
37) 1,2-Dichloropropane	7.427	63	175218	48.646	ug/L	99
38) Bromodichloromethane	7.818	83	210165	49.383	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	267457	49.661	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	432516	91.092	ug/L	99
42) Toluene	8.714	91	693642	48.869	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	243038	50.083	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	165586	48.447	ug/L	99
46) Tetrachloroethene	9.269	164	134855	49.746	ug/L	97
48) 2-Hexanone	9.427	43	342888	95.115	ug/L	98
49) Dibromochloromethane	9.519	129	163152	50.228	ug/L	100
50) 1,2-Dibromoethane	9.610	107	172229	48.427	ug/L	99
51) Chlorobenzene	10.079	112	468807	50.133	ug/L	99
52) Ethylbenzene	10.189	91	767051	48.886	ug/L	97
53) m,p-Xylene	10.299	106	298530	49.686	ug/L	99
54) o-Xylene	10.640	106	292123	49.452	ug/L	96
55) Styrene	10.652	104	501814	50.139	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	243978	48.435	ug/L	100
59) Bromoform	10.799	173	110539	48.385	ug/L	98
60) Isopropylbenzene	10.963	105	734791	48.692	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	190734	46.549	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	600079	48.624	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	606238	49.403	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	339796	49.371	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	355521	50.481	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	345625	49.526	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	46820	46.308	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	214593	50.434	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	203144	50.988	ug/L	99
71) Naphthalene	13.774	128	685380	48.295	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	196508	49.962	ug/L	98

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

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