

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041014.D
 Acq On : 12 Apr 2024 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050730

Quant Time: Apr 13 01:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	278564	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	264168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	154761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	112192	56.624	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 113.240%	
7) Chloroethane-d5	1.666	69	90463	55.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 111.960%	
11) 1,1-Dichloroethene-d2	2.306	65	45907	54.269	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.540%	
21) 2-Butanone-d5	4.446	46	123829	114.733	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 114.730%	
24) Chloroform-d	5.050	84	194922	52.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.460%	
26) 1,2-Dichloroethane-d4	5.952	65	122337	50.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.740%	
32) Benzene-d6	5.970	84	383383	53.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.920%	
36) 1,2-Dichloropropane-d6	7.305	67	109442	52.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.640%	
41) Toluene-d8	8.647	98	370090	52.821	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.640%	
43) trans-1,3-Dichloroprop...	8.945	79	55821	53.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.060%	
47) 2-Hexanone-d5	9.378	63	82893	93.998	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 94.000%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	165500	53.415	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.840%	
66) 1,2-Dichlorobenzene-d4	12.317	152	163856	52.780	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102858	56.075	ug/L	100
3) Chloromethane	1.300	50	100855	57.921	ug/L	98
5) Vinyl chloride	1.374	62	116211	55.539	ug/L	99
6) Bromomethane	1.605	94	77041	60.898	ug/L	98
8) Chloroethane	1.691	64	73845	56.718	ug/L	99
9) Trichlorofluoromethane	1.886	101	185403	56.240	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	109628	58.188	ug/L	99
12) 1,1-Dichloroethene	2.319	96	91438	54.644	ug/L	97
13) Acetone	2.373	43	153392	131.127	ug/L	99
14) Carbon disulfide	2.514	76	220331	52.396	ug/L	100
15) Methyl Acetate	2.703	43	110520	54.422	ug/L	98
16) Methylene chloride	2.788	84	97952	56.163	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	93990	54.264	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	306724	56.417	ug/L	99
19) 1,1-Dichloroethane	3.605	63	172217	55.979	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	109086	55.279	ug/L	99
22) 2-Butanone	4.550	43	185181	120.935	ug/L	97
23) Bromochloromethane	4.897	128	60366	56.269	ug/L	96
25) Chloroform	5.086	83	187661	55.660	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	151459	55.890	ug/L	99
29) Cyclohexane	5.464	56	153540	58.017	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	166029	56.083	ug/L	99
31) Carbon tetrachloride	5.672	117	151562	56.181	ug/L	99
33) Benzene	6.031	78	386406	56.378	ug/L	100
34) Trichloroethene	7.123	95	106702	54.270	ug/L	97
35) Methylcyclohexane	7.379	83	167950	60.232	ug/L	99
37) 1,2-Dichloropropane	7.427	63	98300	55.409	ug/L	100
38) Bromodichloromethane	7.818	83	136777	54.995	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	163201	56.306	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	303575	112.989	ug/L	99
42) Toluene	8.714	91	432200	56.942	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	152313	56.230	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	108010	56.050	ug/L	98
46) Tetrachloroethene	9.269	164	103337	55.805	ug/L	95
48) 2-Hexanone	9.427	43	263816	122.228	ug/L	100
49) Dibromochloromethane	9.518	129	121685	55.988	ug/L	98
50) 1,2-Dibromoethane	9.604	107	116707	56.141	ug/L	96
51) Chlorobenzene	10.079	112	300059	56.410	ug/L	99
52) Ethylbenzene	10.189	91	488873	56.767	ug/L	98
53) m,p-Xylene	10.299	106	195759	57.009	ug/L	97
54) o-Xylene	10.640	106	189153	57.121	ug/L	97
55) Styrene	10.652	104	325238	57.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	171171	57.333	ug/L	100
59) Bromoform	10.799	173	104992	55.279	ug/L	100
60) Isopropylbenzene	10.963	105	515740	57.003	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	133107	56.326	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	431195	59.117	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	422428	57.536	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	261124	55.003	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	266249	54.631	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	259809	56.415	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	36961	54.690	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	210014	57.764	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	192328	55.822	ug/L	99
71) Naphthalene	13.774	128	536533	56.826	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	191484	56.668	ug/L	99

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

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