

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040611.D
 Acq On : 06 Mar 2024 18:07
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050719

Quant Time: Mar 07 01:40:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	142258	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	136174	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71296	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65115	52.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.440%			
7) Chloroethane-d5	1.666	69	52509	52.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.480%			
11) 1,1-Dichloroethene-d2	2.306	65	25574	44.551	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.100%			
21) 2-Butanone-d5	4.452	46	105293	110.033	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.030%			
24) Chloroform-d	5.062	84	129656	55.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.980%			
26) 1,2-Dichloroethane-d4	5.958	65	91158	52.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.440%			
32) Benzene-d6	5.977	84	225638	54.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.020%			
36) 1,2-Dichloropropane-d6	7.306	67	68830	53.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.320%			
41) Toluene-d8	8.647	98	212902	52.880	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.760%			
43) trans-1,3-Dichloroprop...	8.952	79	37695	54.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.400%			
47) 2-Hexanone-d5	9.384	63	78341	109.654	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.650%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	106362	54.865	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.740%			
66) 1,2-Dichlorobenzene-d4	12.317	152	80652	54.011	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	71474	56.291	ug/L	99
3) Chloromethane	1.294	50	61488	55.707	ug/L	99
5) Vinyl chloride	1.374	62	67501	56.527	ug/L	95
6) Bromomethane	1.605	94	43239	68.204	ug/L	96
8) Chloroethane	1.685	64	40701	59.443	ug/L	90
9) Trichlorofluoromethane	1.886	101	107040	64.421	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	46357	47.036	ug/L	99
12) 1,1-Dichloroethene	2.319	96	41951	48.379	ug/L	96
13) Acetone	2.380	43	56726	83.012	ug/L	97
14) Carbon disulfide	2.514	76	138772	55.307	ug/L	100
15) Methyl Acetate	2.703	43	62834	54.467	ug/L	99
16) Methylene chloride	2.788	84	50825	53.224	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	49279	55.357	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	174703	56.747	ug/L	100
19) 1,1-Dichloroethane	3.611	63	98324	56.845	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	56706	56.808	ug/L	95
22) 2-Butanone	4.556	43	95202	105.212	ug/L	99
23) Bromochloromethane	4.904	128	28136	55.265	ug/L	96
25) Chloroform	5.093	83	108543	55.609	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	97455	56.814	ug/L	100
29) Cyclohexane	5.471	56	84534	56.495	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	94984	56.004	ug/L	99
31) Carbon tetrachloride	5.678	117	79694	55.989	ug/L	100
33) Benzene	6.037	78	205624	56.211	ug/L	100
34) Trichloroethene	7.123	95	58779	54.430	ug/L	97
35) Methylcyclohexane	7.379	83	87807	55.640	ug/L	99
37) 1,2-Dichloropropane	7.434	63	55263	57.063	ug/L	100
38) Bromodichloromethane	7.824	83	80621	56.285	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	91279	55.983	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	187324	112.830	ug/L	100
42) Toluene	8.720	91	227123	56.595	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	89351	56.262	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	56160	56.176	ug/L	97
46) Tetrachloroethene	9.275	164	42696	55.066	ug/L	96
48) 2-Hexanone	9.427	43	147933	107.531	ug/L	99
49) Dibromochloromethane	9.519	129	58789	56.280	ug/L	98
50) 1,2-Dibromoethane	9.610	107	60688	56.449	ug/L	93
51) Chlorobenzene	10.079	112	143548	55.210	ug/L	98
52) Ethylbenzene	10.195	91	261680	55.487	ug/L	97
53) m,p-Xylene	10.299	106	95047	55.438	ug/L	97
54) o-Xylene	10.640	106	91881	55.829	ug/L	99
55) Styrene	10.653	104	161892	56.451	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	90374	54.846	ug/L	96
59) Bromoform	10.799	173	43882	53.066	ug/L	99
60) Isopropylbenzene	10.963	105	260664	54.457	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	75459	53.112	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	219714	55.363	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	219357	55.276	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	112182	53.532	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	115397	54.149	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	110249	55.326	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	24754	59.518	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	79048	56.195	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	74583	57.174	ug/L	99
71) Naphthalene	13.774	128	241705	58.294	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	73624	57.294	ug/L	100

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

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