

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036048.D
 Acq On : 06 Jun 2023 21:15
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050689

Quant Time: Jun 07 05:59:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	296715	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	277413	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138649	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106414	52.787	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 105.580%		
7) Chloroethane-d5	1.672	69	83695	54.134	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 108.260%		
11) 1,1-Dichloroethene-d2	2.306	65	52032	50.906	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 101.820%		
21) 2-Butanone-d5	4.471	46	195198	118.131	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 118.130%		
24) Chloroform-d	5.056	84	225248	53.583	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.160%		
26) 1,2-Dichloroethane-d4	5.952	65	167255	54.526	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.060%		
32) Benzene-d6	5.970	84	423021	50.690	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.380%		
36) 1,2-Dichloropropane-d6	7.306	67	138104	53.242	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 106.480%		
41) Toluene-d8	8.647	98	386300	50.294	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.580%		
43) trans-1,3-Dichloroprop...	8.952	79	64153	51.523	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 103.040%		
47) 2-Hexanone-d5	9.384	63	134213	116.199	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 116.200%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	193587	54.639	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 109.280%		
66) 1,2-Dichlorobenzene-d4	12.317	152	139961	51.994	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	132406	46.856	ug/L	98
3) Chloromethane	1.294	50	139351	52.339	ug/L	99
5) Vinyl chloride	1.374	62	131001	53.083	ug/L	100
6) Bromomethane	1.618	94	80120	55.725	ug/L	99
8) Chloroethane	1.691	64	79169	54.082	ug/L	99
9) Trichlorofluoromethane	1.886	101	170303	49.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	105153	46.412	ug/L	99
12) 1,1-Dichloroethene	2.319	96	105519	53.517	ug/L	93
13) Acetone	2.404	43	131270	75.189	ug/L	98
14) Carbon disulfide	2.514	76	281702	52.062	ug/L	99
15) Methyl Acetate	2.709	43	148965	55.148	ug/L	98
16) Methylene chloride	2.788	84	119444	52.757	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	110511	52.315	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	408339	54.329	ug/L	98
19) 1,1-Dichloroethane	3.611	63	226490	53.778	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	126655	52.255	ug/L	99
22) 2-Butanone	4.574	43	211047	101.211	ug/L	99
23) Bromochloromethane	4.897	128	61570	51.181	ug/L	95
25) Chloroform	5.093	83	247943	54.121	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	212077	54.254	ug/L	98
29) Cyclohexane	5.470	56	173196	44.949	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	200957	52.272	ug/L	98
31) Carbon tetrachloride	5.672	117	161234	50.502	ug/L	100
33) Benzene	6.037	78	472897	51.167	ug/L	100
34) Trichloroethene	7.123	95	122492	49.209	ug/L	96
35) Methylcyclohexane	7.379	83	157278	43.041	ug/L	100
37) 1,2-Dichloropropane	7.427	63	127438	52.537	ug/L	100
38) Bromodichloromethane	7.824	83	165091	52.792	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	196843	51.939	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	405220	110.922	ug/L	98
42) Toluene	8.720	91	488147	50.782	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	186016	52.416	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	122741	51.702	ug/L	99
46) Tetrachloroethene	9.275	164	85679	49.221	ug/L	97
48) 2-Hexanone	9.433	43	308422	106.994	ug/L	99
49) Dibromochloromethane	9.519	129	120420	53.461	ug/L	97
50) 1,2-Dibromoethane	9.610	107	132804	52.941	ug/L	99
51) Chlorobenzene	10.079	112	315620	49.907	ug/L	98
52) Ethylbenzene	10.195	91	545267	49.251	ug/L	100
53) m,p-Xylene	10.299	106	208397	49.635	ug/L	97
54) o-Xylene	10.640	106	207105	50.466	ug/L	98
55) Styrene	10.652	104	356418	51.103	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	198734	53.259	ug/L	99
59) Bromoform	10.799	173	79783	55.038	ug/L	98
60) Isopropylbenzene	10.963	105	533514	50.265	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	160500	54.131	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	443702	50.261	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	412662	50.514	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	234553	51.031	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	237699	50.558	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	236357	52.640	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	41199	55.019	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	141171	50.180	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	125875	48.982	ug/L	98
71) Naphthalene	13.774	128	451296	53.395	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	126385	49.459	ug/L	99

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

