

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036069.D
 Acq On : 08 Jun 2023 14:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050690

Quant Time: Jun 09 02:22:59 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	243119	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	110747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	76357	46.227	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.460%		
7) Chloroethane-d5	1.672	69	62440	49.289	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.580%		
11) 1,1-Dichloroethene-d2	2.306	65	40311	48.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.260%		
21) 2-Butanone-d5	4.464	46	170918	126.240	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	126.240%		
24) Chloroform-d	5.056	84	175215	50.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.740%		
26) 1,2-Dichloroethane-d4	5.952	65	131162	52.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.380%		
32) Benzene-d6	5.970	84	335739	50.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.660%		
36) 1,2-Dichloropropane-d6	7.305	67	108081	52.126	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.260%		
41) Toluene-d8	8.647	98	306307	49.889	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.780%		
43) trans-1,3-Dichloroprop...	8.945	79	49095	49.327	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.660%		
47) 2-Hexanone-d5	9.384	63	113788	123.243	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	123.240%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	158747	56.052	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	112.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	107860	50.164	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	118382	51.128	ug/L	99
3) Chloromethane	1.294	50	100152	45.909	ug/L	98
5) Vinyl chloride	1.374	62	96734	47.839	ug/L	100
6) Bromomethane	1.617	94	51281	43.530	ug/L	95
8) Chloroethane	1.691	64	58609	48.863	ug/L	99
9) Trichlorofluoromethane	1.886	101	143924	50.602	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	92311	49.726	ug/L	99
12) 1,1-Dichloroethene	2.319	96	78677	48.700	ug/L	97
13) Acetone	2.404	43	122765	85.819	ug/L	99
14) Carbon disulfide	2.514	76	195412	44.076	ug/L	99
15) Methyl Acetate	2.709	43	128371	58.001	ug/L	98
16) Methylene chloride	2.788	84	93638	50.477	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	82849	47.866	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	318602	51.734	ug/L	100
19) 1,1-Dichloroethane	3.605	63	175159	50.759	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	98288	49.491	ug/L	97
22) 2-Butanone	4.568	43	184752	108.133	ug/L	99
23) Bromochloromethane	4.897	128	48746	49.454	ug/L	97
25) Chloroform	5.092	83	193740	51.612	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	166958	52.128	ug/L	100
29) Cyclohexane	5.464	56	145830	47.347	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	152158	49.513	ug/L	100
31) Carbon tetrachloride	5.678	117	125066	49.006	ug/L	99
33) Benzene	6.031	78	367464	49.738	ug/L	100
34) Trichloroethene	7.123	95	96644	48.570	ug/L	93
35) Methylcyclohexane	7.379	83	137444	47.054	ug/L	100
37) 1,2-Dichloropropane	7.427	63	100466	51.814	ug/L	100
38) Bromodichloromethane	7.818	83	128508	51.408	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	156658	51.711	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	340494	116.598	ug/L	100
42) Toluene	8.714	91	385727	50.199	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	145081	51.142	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	99005	52.171	ug/L	98
46) Tetrachloroethene	9.275	164	67016	48.163	ug/L	97
48) 2-Hexanone	9.427	43	267435	116.061	ug/L	100
49) Dibromochloromethane	9.518	129	92595	51.426	ug/L	98
50) 1,2-Dibromoethane	9.610	107	105814	52.770	ug/L	98
51) Chlorobenzene	10.079	112	247342	48.927	ug/L	98
52) Ethylbenzene	10.195	91	436159	49.285	ug/L	98
53) m,p-Xylene	10.299	106	163976	48.858	ug/L	99
54) o-Xylene	10.640	106	159599	48.652	ug/L	97
55) Styrene	10.652	104	275709	49.453	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	162221	54.386	ug/L	100
59) Bromoform	10.799	173	61143	52.806	ug/L	98
60) Isopropylbenzene	10.963	105	417010	49.187	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	134647	56.853	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	356429	50.547	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	324508	49.731	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	181821	49.525	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	182661	48.640	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	181947	50.732	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	35000	58.516	ug/L	89
69) 1,3,5-Trichlorobenzene	13.109	180	105713	47.043	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	99806	48.622	ug/L	99
71) Naphthalene	13.774	128	368472	54.580	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	100548	49.261	ug/L	97

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

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