

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060923\
 Data File : VX036114.D
 Acq On : 09 Jun 2023 17:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050693

Quant Time: Jun 10 00:17:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 00:08:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	289262	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	271226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82082	41.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.540%
7) Chloroethane-d5	1.672	69	73465	48.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	2.307	65	44069	44.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.460%
21) 2-Butanone-d5	4.471	46	174823	108.526	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.530%
24) Chloroform-d	5.056	84	207613	50.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	5.958	65	158782	53.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.200%
32) Benzene-d6	5.977	84	394319	48.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
36) 1,2-Dichloropropane-d6	7.306	67	128596	50.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.420%
41) Toluene-d8	8.647	98	359320	47.848	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	8.952	79	60298	49.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.060%
47) 2-Hexanone-d5	9.384	63	121041	107.186	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.190%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	178657	51.575	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	126486	49.157	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122984	44.643	ug/L	97
3) Chloromethane	1.295	50	121217	46.701	ug/L	98
5) Vinyl chloride	1.374	62	114793	47.714	ug/L	99
6) Bromomethane	1.618	94	70636	50.395	ug/L	97
8) Chloroethane	1.691	64	74736	52.369	ug/L	99
9) Trichlorofluoromethane	1.886	101	164161	48.510	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	102186	46.265	ug/L	99
12) 1,1-Dichloroethene	2.319	96	95083	49.467	ug/L	97
13) Acetone	2.404	43	126624	74.397	ug/L	99
14) Carbon disulfide	2.514	76	237636	45.050	ug/L	98
15) Methyl Acetate	2.709	43	136852	51.969	ug/L	99
16) Methylene chloride	2.788	84	115310	52.244	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	102110	49.583	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	396701	54.140	ug/L	100
19) 1,1-Dichloroethane	3.611	63	218942	53.326	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	123415	52.231	ug/L	98
22) 2-Butanone	4.574	43	189050	92.998	ug/L	99
23) Bromochloromethane	4.898	128	60092	51.239	ug/L	96
25) Chloroform	5.093	83	248414	55.621	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	208511	54.716	ug/L	100
29) Cyclohexane	5.471	56	169989	45.123	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	186556	49.633	ug/L	99
31) Carbon tetrachloride	5.678	117	152553	48.873	ug/L	100
33) Benzene	6.038	78	462460	51.179	ug/L	100
34) Trichloroethene	7.123	95	119093	48.935	ug/L	99
35) Methylcyclohexane	7.379	83	155470	43.516	ug/L	97
37) 1,2-Dichloropropane	7.434	63	126595	53.380	ug/L	100
38) Bromodichloromethane	7.824	83	161799	52.919	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	195506	52.763	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	381514	106.815	ug/L	99
42) Toluene	8.720	91	483974	51.497	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	184074	53.052	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	123505	53.210	ug/L	99
46) Tetrachloroethene	9.275	164	81346	47.798	ug/L	98
48) 2-Hexanone	9.433	43	288303	102.296	ug/L	99
49) Dibromochloromethane	9.519	129	115951	52.651	ug/L	99
50) 1,2-Dibromoethane	9.610	107	129016	52.605	ug/L	99
51) Chlorobenzene	10.079	112	311922	50.447	ug/L	100
52) Ethylbenzene	10.195	91	549024	50.722	ug/L	99
53) m,p-Xylene	10.299	106	205726	50.117	ug/L	99
54) o-Xylene	10.640	106	201398	50.195	ug/L	97
55) Styrene	10.653	104	350718	51.432	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	186391	51.091	ug/L	100
59) Bromoform	10.799	173	73091	52.748	ug/L	99
60) Isopropylbenzene	10.963	105	527678	52.009	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	155092	54.721	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	439941	52.135	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	408276	52.284	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	221055	50.314	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	224962	50.058	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	222314	51.798	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	40372	56.403	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	132672	49.335	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	119819	48.777	ug/L	98
71) Naphthalene	13.774	128	427661	52.934	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	121498	49.741	ug/L	98

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

