

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030562.D
 Acq On : 10 Aug 2022 19:06
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050776

Quant Time: Aug 10 19:36:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	238262	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	215809	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	107305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	77786	50.838	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.680%	
7) Chloroethane-d5	1.666	69	65055	60.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 120.620%	
11) 1,1-Dichloroethene-d2	2.306	63	174734	60.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 120.740%	
21) 2-Butanone-d5	4.471	46	196551	138.641	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 138.640%#	
24) Chloroform-d	5.068	84	197443	62.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 125.380%#	
26) 1,2-Dichloroethane-d4	5.964	65	131846	61.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 123.300%	
32) Benzene-d6	5.983	84	352438	57.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.020%	
36) 1,2-Dichloropropane-d6	7.312	67	121309	60.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 120.960%#	
41) Toluene-d8	8.653	98	321399	55.157	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.320%	
43) trans-1,3-Dichloroprop...	8.952	79	56474	56.600	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.200%	
47) 2-Hexanone-d5	9.391	63	134409	131.475	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 131.480%#	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	173054	65.681	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 131.360%#	
66) 1,2-Dichlorobenzene-d4	12.323	152	119218	57.281	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 114.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89637	49.997	ug/L	98
3) Chloromethane	1.288	50	78608	50.990	ug/L	98
5) Vinyl chloride	1.374	62	88176	53.548	ug/L	100
6) Bromomethane	1.611	94	13067	16.886	ug/L	100
8) Chloroethane	1.691	64	59812	63.768	ug/L	100
9) Trichlorofluoromethane	1.886	101	132412	54.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	78061	53.928	ug/L	96
12) 1,1-Dichloroethene	2.319	96	78947	59.200	ug/L	85
13) Acetone	2.398	43	125122	120.423	ug/L	96
14) Carbon disulfide	2.508	76	229148	53.015	ug/L	99
15) Methyl Acetate	2.715	43	134702	62.634	ug/L	97
16) Methylene chloride	2.794	84	97343	57.566	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	85566	55.383	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	313147	59.601	ug/L	99
19) 1,1-Dichloroethane	3.611	63	182645	61.123	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	98408	56.623	ug/L	98
22) 2-Butanone	4.574	43	200095	122.077	ug/L	96
23) Bromochloromethane	4.910	128	48447	55.587	ug/L	95
25) Chloroform	5.105	83	189824	60.461	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	159643	61.093	ug/L	99
29) Cyclohexane	5.471	56	138098	48.135	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	159681	56.094	ug/L	98
31) Carbon tetrachloride	5.684	117	129948	55.310	ug/L	100
33) Benzene	6.044	78	393943	56.934	ug/L	100
34) Trichloroethene	7.135	95	102538	51.166	ug/L	89
35) Methylcyclohexane	7.385	83	132251	45.332	ug/L	97
37) 1,2-Dichloropropane	7.434	63	107544	58.456	ug/L	100
38) Bromodichloromethane	7.824	83	145966	59.949	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	153169	55.811	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	393044	122.681	ug/L	99
42) Toluene	8.720	91	404950	55.401	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	151506	56.403	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	101140	59.123	ug/L	98
46) Tetrachloroethene	9.281	164	64663	51.056	ug/L	95
48) 2-Hexanone	9.433	43	315816	126.872	ug/L	97
49) Dibromochloromethane	9.525	129	104586	57.466	ug/L	97
50) 1,2-Dibromoethane	9.616	107	105777	56.227	ug/L	99
51) Chlorobenzene	10.086	112	252707	55.493	ug/L	98
52) Ethylbenzene	10.195	91	443023	55.586	ug/L	99
53) m,p-Xylene	10.305	106	163076	54.896	ug/L	98
54) o-Xylene	10.646	106	165266	55.830	ug/L	98
55) Styrene	10.659	104	288183	57.819	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	167894	64.502	ug/L	98
59) Bromoform	10.805	173	68914	58.976	ug/L	99
60) Isopropylbenzene	10.963	105	425356	55.923	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	140810	61.104	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	367909	56.657	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	368421	56.181	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	181009	54.745	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	181408	53.972	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	185358	54.210	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	42520	55.936	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	117098	50.501	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	106650	52.372	ug/L	98
71) Naphthalene	13.780	128	458739	54.421	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	112527	52.313	ug/L	98

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

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