

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030676.D
 Acq On : 18 Aug 2022 11:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050789

Quant Time: Aug 18 14:43:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	317029	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	291271	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	148660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106377	52.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.500%			
7) Chloroethane-d5	1.666	69	81505	56.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.580%			
11) 1,1-Dichloroethene-d2	2.306	63	214686	55.746	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.500%			
21) 2-Butanone-d5	4.458	46	189616	100.519	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.520%			
24) Chloroform-d	5.062	84	233473	55.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.420%			
26) 1,2-Dichloroethane-d4	5.958	65	139602	49.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.120%			
32) Benzene-d6	5.976	84	461303	55.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.580%			
36) 1,2-Dichloropropane-d6	7.312	67	150072	55.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.880%			
41) Toluene-d8	8.653	98	425408	54.092	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.180%			
43) trans-1,3-Dichloroprop...	8.952	79	66930	49.701	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.400%			
47) 2-Hexanone-d5	9.384	63	145440	105.408	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.410%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	201551	56.678	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.360%			
66) 1,2-Dichlorobenzene-d4	12.323	152	156315	54.212	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	107958	45.255	ug/L	96
3) Chloromethane	1.288	50	100447	48.968	ug/L	100
5) Vinyl chloride	1.374	62	112887	51.522	ug/L	97
6) Bromomethane	1.611	94	40225	39.067	ug/L	91
8) Chloroethane	1.685	64	66534	53.310	ug/L	100
9) Trichlorofluoromethane	1.886	101	164657	50.848	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	118564	61.558	ug/L	97
12) 1,1-Dichloroethene	2.319	96	103368	58.254	ug/L	77
13) Acetone	2.386	43	121329	87.760	ug/L	92
14) Carbon disulfide	2.514	76	244946	42.590	ug/L	99
15) Methyl Acetate	2.709	43	140550	49.116	ug/L	96
16) Methylene chloride	2.788	84	124504	55.335	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	108228	52.647	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	372152	53.233	ug/L	97
19) 1,1-Dichloroethane	3.611	63	218361	54.919	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	131734	56.966	ug/L	87
22) 2-Butanone	4.562	43	202444	92.824	ug/L	93
23) Bromochloromethane	4.903	128	65277	56.289	ug/L	94
25) Chloroform	5.099	83	231750	55.475	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	166301	47.829	ug/L #	93
29) Cyclohexane	5.470	56	181769	46.942	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	191606	49.871	ug/L	97
31) Carbon tetrachloride	5.678	117	156752	49.433	ug/L	98
33) Benzene	6.037	78	496309	53.145	ug/L	100
34) Trichloroethene	7.129	95	133360	49.306	ug/L	85
35) Methylcyclohexane	7.385	83	193874	49.237	ug/L	97
37) 1,2-Dichloropropane	7.434	63	133186	53.638	ug/L	99
38) Bromodichloromethane	7.824	83	171008	52.038	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	194479	52.505	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	399708	92.438	ug/L	94
42) Toluene	8.720	91	527109	53.430	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	185472	51.159	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	131327	56.880	ug/L	99
46) Tetrachloroethene	9.275	164	87851	51.394	ug/L	97
48) 2-Hexanone	9.433	43	312430	92.994	ug/L	95
49) Dibromochloromethane	9.525	129	131916	53.704	ug/L	98
50) 1,2-Dibromoethane	9.610	107	135551	53.386	ug/L #	96
51) Chlorobenzene	10.079	112	338862	55.134	ug/L	95
52) Ethylbenzene	10.195	91	577314	53.669	ug/L	99
53) m,p-Xylene	10.305	106	220048	54.883	ug/L	96
54) o-Xylene	10.640	106	219130	54.848	ug/L	96
55) Styrene	10.659	104	380007	56.489	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	202464	57.631	ug/L	99
59) Bromoform	10.799	173	85702	52.940	ug/L	99
60) Isopropylbenzene	10.963	105	571270	54.214	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	169612	53.128	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	497758	55.330	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	490311	53.968	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	249868	54.548	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	255843	54.942	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	262609	55.438	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	51086	48.509	ug/L	88
69) 1,3,5-Trichlorobenzene	13.115	180	172762	53.780	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	158066	56.028	ug/L	98
71) Naphthalene	13.780	128	625299	53.545	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	162306	54.464	ug/L	100

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

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