

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048303.D
 Acq On : 27 Apr 2022 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050103

Quant Time: Apr 28 04:27:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 27 03:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	375907	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	375632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	210678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	179195	51.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.680%	
7) Chloroethane-d5	1.909	69	138966	57.272	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	= 114.540%	
11) 1,1-Dichloroethene-d2	2.568	63	289964	52.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.700%	
21) 2-Butanone-d5	4.629	46	277434	94.100	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 94.100%	
24) Chloroform-d	5.066	84	326926	52.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.280%	
26) 1,2-Dichloroethane-d4	5.703	65	196818	52.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.820%	
32) Benzene-d6	5.729	84	666845	56.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.580%	
36) 1,2-Dichloropropane-d6	6.693	67	210186	53.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.340%	
41) Toluene-d8	7.899	98	633207	58.966	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 117.940%	
43) trans-1,3-Dichloroprop...	8.182	79	96988	56.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 112.240%	
47) 2-Hexanone-d5	8.639	63	202988	96.061	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 96.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	336576	48.999	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 98.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	246140	51.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	150754	53.074	ug/L	100
3) Chloromethane	1.523	50	159110	48.940	ug/L	100
5) Vinyl chloride	1.607	62	172179	52.554	ug/L	97
6) Bromomethane	1.854	94	95837	63.650	ug/L	99
8) Chloroethane	1.928	64	115505	62.352	ug/L	98
9) Trichlorofluoromethane	2.134	101	246915	57.831	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	159193	56.217	ug/L	99
12) 1,1-Dichloroethene	2.581	96	134196	54.291	ug/L	97
13) Acetone	2.636	43	256684	135.615	ug/L	98
14) Carbon disulfide	2.793	76	305070	50.640	ug/L	100
15) Methyl Acetate	2.951	43	192397	51.207	ug/L	98
16) Methylene chloride	3.047	84	175739	55.147	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	142705	55.574	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	479804	56.631	ug/L	99
19) 1,1-Dichloroethane	3.870	63	293588	54.675	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	176865	57.141	ug/L	95
22) 2-Butanone	4.710	43	317572	113.465	ug/L	99
23) Bromochloromethane	4.976	128	97058	56.165	ug/L	97
25) Chloroform	5.092	83	314186	57.299	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	226323	56.588	ug/L	99
29) Cyclohexane	5.391	56	204378	57.586	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	258035	60.746	ug/L	99
31) Carbon tetrachloride	5.526	117	222198	61.373	ug/L	99
33) Benzene	5.777	78	663395	59.650	ug/L	100
34) Trichloroethene	6.542	95	161586	59.276	ug/L	99
35) Methylcyclohexane	6.764	83	233576	61.031	ug/L	98
37) 1,2-Dichloropropane	6.793	63	185042	58.479	ug/L	100
38) Bromodichloromethane	7.108	83	237707	59.486	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	262750	59.052	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	533127	111.708	ug/L	100
42) Toluene	7.970	91	715358	61.265	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	255321	58.738	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	187628	56.517	ug/L	99
46) Tetrachloroethene	8.555	164	138325	59.125	ug/L	99
48) 2-Hexanone	8.690	43	459183	115.218	ug/L	99
49) Dibromochloromethane	8.812	129	205757	56.402	ug/L	99
50) 1,2-Dibromoethane	8.925	107	193931	57.604	ug/L	97
51) Chlorobenzene	9.449	112	472948	56.194	ug/L	99
52) Ethylbenzene	9.571	91	722204	59.724	ug/L	99
53) m,p-Xylene	9.693	106	292120	61.216	ug/L	99
54) o-Xylene	10.102	106	288873	60.091	ug/L	99
55) Styrene	10.115	104	496209	60.591	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	349238	53.302	ug/L	99
59) Bromoform	10.291	173	170789	55.859	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	266818	54.288	ug/L	100
61) Isopropylbenzene	10.487	105	728975	61.884	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	377324	60.774	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	591631	61.980	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	376908	57.072	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	373303	55.369	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	388967	55.910	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	72650	55.372	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	284029	57.878	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	222984	57.516	ug/L	100
71) Naphthalene	14.089	128	672245	60.590	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	241215	60.711	ug/L	99

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

