

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048346.D
 Acq On : 28 Apr 2022 17:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050106

Quant Time: Apr 29 04:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	332897	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	332350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195649	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	130123	42.507	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.020%		
7) Chloroethane-d5	1.903	69	117624	54.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	109.480%		
11) 1,1-Dichloroethene-d2	2.568	63	236052	48.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.260%		
21) 2-Butanone-d5	4.623	46	271916	104.145	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.140%		
24) Chloroform-d	5.063	84	289502	52.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.280%		
26) 1,2-Dichloroethane-d4	5.703	65	178374	54.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.280%		
32) Benzene-d6	5.729	84	586710	55.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.940%		
36) 1,2-Dichloropropane-d6	6.690	67	190991	55.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.220%		
41) Toluene-d8	7.899	98	548696	57.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	115.500%		
43) trans-1,3-Dichloroprop...	8.179	79	86957	56.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	113.740%		
47) 2-Hexanone-d5	8.635	63	214151	114.542	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.540%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	329034	54.139	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.280%		
66) 1,2-Dichlorobenzene-d4	12.195	152	238619	54.217	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	117063	46.538	ug/L	99
3) Chloromethane	1.523	50	126006	43.765	ug/L	100
5) Vinyl chloride	1.607	62	138082	47.592	ug/L	95
6) Bromomethane	1.845	94	62284	46.710	ug/L	98
8) Chloroethane	1.925	64	94170	57.403	ug/L	99
9) Trichlorofluoromethane	2.134	101	205583	54.372	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	131427	52.408	ug/L	98
12) 1,1-Dichloroethene	2.578	96	110916	50.670	ug/L	87
13) Acetone	2.629	43	153788	91.749	ug/L	99
14) Carbon disulfide	2.793	76	242596	45.473	ug/L	100
15) Methyl Acetate	2.948	43	168439	50.623	ug/L	97
16) Methylene chloride	3.047	84	146221	51.812	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	119427	52.518	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	438536	58.448	ug/L	99
19) 1,1-Dichloroethane	3.870	63	253506	53.310	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	154157	56.239	ug/L	94
22) 2-Butanone	4.703	43	252565	101.898	ug/L	96
23) Bromochloromethane	4.976	128	85245	55.702	ug/L	96
25) Chloroform	5.089	83	270897	55.788	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	201571	56.910	ug/L	97
29) Cyclohexane	5.391	56	174028	55.420	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	222882	59.303	ug/L	99
31) Carbon tetrachloride	5.526	117	186531	58.231	ug/L	99
33) Benzene	5.774	78	565729	57.493	ug/L	100
34) Trichloroethene	6.542	95	138286	57.335	ug/L	99
35) Methylcyclohexane	6.764	83	193869	57.253	ug/L	98
37) 1,2-Dichloropropane	6.790	63	158284	56.537	ug/L	99
38) Bromodichloromethane	7.105	83	204476	57.834	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	227083	57.683	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	484891	114.832	ug/L	99
42) Toluene	7.970	91	611405	59.182	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	220678	57.380	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	166997	56.854	ug/L	99
46) Tetrachloroethene	8.555	164	116846	56.448	ug/L	99
48) 2-Hexanone	8.687	43	407299	115.508	ug/L	100
49) Dibromochloromethane	8.809	129	179589	55.640	ug/L	98
50) 1,2-Dibromoethane	8.925	107	170716	57.313	ug/L	99
51) Chlorobenzene	9.446	112	411805	55.301	ug/L	100
52) Ethylbenzene	9.571	91	631083	58.985	ug/L	100
53) m,p-Xylene	9.693	106	252091	59.708	ug/L	99
54) o-Xylene	10.102	106	256410	60.284	ug/L	100
55) Styrene	10.115	104	430575	59.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	326014	56.237	ug/L	98
59) Bromoform	10.291	173	150422	52.977	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	244224	53.508	ug/L	99
61) Isopropylbenzene	10.484	105	649761	59.397	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	342002	59.316	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	535955	60.461	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	334685	54.571	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	330096	52.721	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	360017	55.724	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	67200	55.153	ug/L	92
69) 1,3,5-Trichlorobenzene	13.220	180	253830	55.698	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	208772	57.987	ug/L	99
71) Naphthalene	14.085	128	634350	61.567	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	219568	59.508	ug/L	99

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

