

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112522\
 Data File : VU052133.D
 Acq On : 25 Nov 2022 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

Quant Time: Nov 25 20:58:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 07:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	445005	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	443663	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	230127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	174338	45.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.420%		
7) Chloroethane-d5	1.903	69	142807	46.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.520%		
11) 1,1-Dichloroethene-d2	2.568	63	277115	48.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.960%		
21) 2-Butanone-d5	4.617	46	199263	85.988	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.990%		
24) Chloroform-d	5.060	84	300317	47.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.060%		
26) 1,2-Dichloroethane-d4	5.700	65	178147	46.880	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.760%		
32) Benzene-d6	5.726	84	626229	47.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
36) 1,2-Dichloropropane-d6	6.687	67	194679	45.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.640%		
41) Toluene-d8	7.896	98	572936	48.491	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.980%		
43) trans-1,3-Dichloroprop...	8.176	79	83659	46.258	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.520%		
47) 2-Hexanone-d5	8.632	63	149663	90.307	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.310%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	310239	46.158	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.320%		
66) 1,2-Dichlorobenzene-d4	12.192	152	204362	42.943	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	127562	53.399	ug/L	98
3) Chloromethane	1.523	50	173545	50.692	ug/L	99
5) Vinyl chloride	1.607	62	179012	50.927	ug/L	100
6) Bromomethane	1.838	94	69126	39.180	ug/L	98
8) Chloroethane	1.925	64	119926	52.030	ug/L	99
9) Trichlorofluoromethane	2.134	101	229705	54.664	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	151543	56.167	ug/L	99
12) 1,1-Dichloroethene	2.578	96	137098	53.206	ug/L	94
13) Acetone	2.620	43	240570	113.642	ug/L	99
14) Carbon disulfide	2.790	76	328228	50.375	ug/L	98
15) Methyl Acetate	2.945	43	179739	53.183	ug/L	99
16) Methylene chloride	3.044	84	193163	49.219	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	141368	51.564	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	458796	51.520	ug/L	99
19) 1,1-Dichloroethane	3.867	63	300863	53.341	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	169497	51.494	ug/L	92
22) 2-Butanone	4.697	43	284998	107.978	ug/L	100
23) Bromochloromethane	4.970	128	94259	53.200	ug/L	96
25) Chloroform	5.086	83	320654	55.095	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	237606	54.419	ug/L	99
29) Cyclohexane	5.388	56	198106	50.919	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	239123	52.558	ug/L	99
31) Carbon tetrachloride	5.523	117	194429	52.783	ug/L	99
33) Benzene	5.771	78	700617	53.305	ug/L	100
34) Trichloroethene	6.539	95	156647	51.080	ug/L	99
35) Methylcyclohexane	6.761	83	221926	52.801	ug/L	97
37) 1,2-Dichloropropane	6.790	63	195847	53.338	ug/L	99
38) Bromodichloromethane	7.102	83	239766	52.888	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	253574	51.070	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	504978	108.129	ug/L	99
42) Toluene	7.967	91	741164	54.571	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	248336	53.472	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	196068	54.167	ug/L	99
46) Tetrachloroethene	8.552	164	119055	51.459	ug/L	97
48) 2-Hexanone	8.681	43	433710	112.224	ug/L	99
49) Dibromochloromethane	8.806	129	197816	53.775	ug/L	98
50) 1,2-Dibromoethane	8.922	107	191045	52.550	ug/L	100
51) Chlorobenzene	9.443	112	470720	52.677	ug/L	100
52) Ethylbenzene	9.568	91	737030	53.297	ug/L	97
53) m,p-Xylene	9.690	106	297158	55.616	ug/L	98
54) o-Xylene	10.099	106	294633	54.500	ug/L	97
55) Styrene	10.111	104	526663	57.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	363851	55.239	ug/L	99
59) Bromoform	10.288	173	152460	51.154	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	270838	50.684	ug/L	100
61) Isopropylbenzene	10.481	105	738261	52.575	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	589588	52.554	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	587744	53.759	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	357857	52.572	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	360146	51.925	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	376734	52.822	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	63730	48.408	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	237533	52.270	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	177097	48.514	ug/L	98
71) Naphthalene	14.082	128	572559	48.177	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	205087	51.858	ug/L	100

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

