

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049818.D
 Acq On : 21 Jul 2022 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

Quant Time: Jul 22 03:06:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	180214	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175151	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87336	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	66411	43.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.360%		
7) Chloroethane-d5	1.899	69	52321	47.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	2.565	63	122489	45.605	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.220%		
21) 2-Butanone-d5	4.620	46	140381	108.148	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.150%		
24) Chloroform-d	5.063	84	137760	51.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.300%		
26) 1,2-Dichloroethane-d4	5.700	65	91455	50.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.360%		
32) Benzene-d6	5.726	84	246719	46.367	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.740%		
36) 1,2-Dichloropropane-d6	6.690	67	86293	48.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.420%		
41) Toluene-d8	7.899	98	214110	46.206	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.420%		
43) trans-1,3-Dichloroprop...	8.179	79	38439	50.975	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.960%		
47) 2-Hexanone-d5	8.632	63	77796	96.631	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.630%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	128455	51.294	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.580%		
66) 1,2-Dichlorobenzene-d4	12.192	152	79243	48.123	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	108799	50.365	ug/L	99
3) Chloromethane	1.520	50	118928	50.162	ug/L	98
5) Vinyl chloride	1.600	62	104949	48.987	ug/L	99
6) Bromomethane	1.838	94	54780	55.342	ug/L	97
8) Chloroethane	1.922	64	58661	49.428	ug/L	97
9) Trichlorofluoromethane	2.131	101	139866	52.864	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	76185	54.876	ug/L	97
12) 1,1-Dichloroethene	2.575	96	66016	51.236	ug/L	97
13) Acetone	2.626	43	164413	133.280	ug/L	98
14) Carbon disulfide	2.787	76	193083	44.438	ug/L	99
15) Methyl Acetate	2.948	43	121519	60.634	ug/L	100
16) Methylene chloride	3.041	84	88751	54.698	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	73212	51.941	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	270687	56.067	ug/L	99
19) 1,1-Dichloroethane	3.867	63	161732	55.115	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	87161	55.022	ug/L	95
22) 2-Butanone	4.700	43	211336	127.959	ug/L	99
23) Bromochloromethane	4.973	128	45104	57.063	ug/L	95
25) Chloroform	5.086	83	167414	56.894	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	140436	56.049	ug/L	99
29) Cyclohexane	5.388	56	130851	47.862	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	142263	56.104	ug/L	98
31) Carbon tetrachloride	5.523	117	117047	56.438	ug/L	100
33) Benzene	5.774	78	350422	53.226	ug/L	100
34) Trichloroethene	6.539	95	84242	52.935	ug/L	97
35) Methylcyclohexane	6.764	83	127688	51.059	ug/L	98
37) 1,2-Dichloropropane	6.790	63	99451	54.499	ug/L	100
38) Bromodichloromethane	7.105	83	128048	56.596	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	140511	57.093	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	339467	114.911	ug/L	99
42) Toluene	7.970	91	356842	54.536	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	133231	57.655	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	91378	57.369	ug/L	97
46) Tetrachloroethene	8.552	164	59269	53.697	ug/L	95
48) 2-Hexanone	8.684	43	283565	120.117	ug/L	100
49) Dibromochloromethane	8.809	129	95132	59.382	ug/L	95
50) 1,2-Dibromoethane	8.925	107	94196	59.534	ug/L	100
51) Chlorobenzene	9.446	112	213543	53.891	ug/L	100
52) Ethylbenzene	9.571	91	371630	53.822	ug/L	100
53) m,p-Xylene	9.693	106	140331	55.892	ug/L	96
54) o-Xylene	10.098	106	137546	54.407	ug/L	97
55) Styrene	10.115	104	239580	57.424	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	163407	57.311	ug/L	100
59) Bromoform	10.291	173	69058	58.954	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	131390	56.481	ug/L	100
61) Isopropylbenzene	10.484	105	355686	54.542	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	305297	55.501	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	298551	54.632	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	157160	55.206	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	153885	53.813	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	165533	55.920	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	40548	59.487	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	112613	56.453	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	95191	52.000	ug/L	97
71) Naphthalene	14.085	128	339385	51.861	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	103861	54.772	ug/L	99

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

