

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049367.D
 Acq On : 23 Jun 2022 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050156

Quant Time: Jun 24 01:07:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 23 02:04:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	243562	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119141	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77361	51.558	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.120%			
7) Chloroethane-d5	1.909	69	52168	47.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.700%			
11) 1,1-Dichloroethene-d2	2.568	63	141650	50.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.060%			
21) 2-Butanone-d5	4.626	46	181914	110.580	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.580%			
24) Chloroform-d	5.063	84	166594	52.047	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.100%			
26) 1,2-Dichloroethane-d4	5.703	65	101826	49.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.200%			
32) Benzene-d6	5.729	84	294650	51.767	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.540%			
36) 1,2-Dichloropropane-d6	6.690	67	106941	55.889	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.780%			
41) Toluene-d8	7.899	98	267505	53.291	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.580%			
43) trans-1,3-Dichloroprop...	8.179	79	49613	55.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.220%			
47) 2-Hexanone-d5	8.636	63	117159	116.990	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.990%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	162830	50.950	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.900%			
66) 1,2-Dichlorobenzene-d4	12.195	152	108339	52.262	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	96656	44.970	ug/L	99
3) Chloromethane	1.520	50	103750	45.794	ug/L	100
5) Vinyl chloride	1.604	62	101246	47.141	ug/L	96
6) Bromomethane	1.855	94	56227	47.329	ug/L	100
8) Chloroethane	1.932	64	56922	47.453	ug/L	94
9) Trichlorofluoromethane	2.137	101	141934	46.956	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	83724	48.794	ug/L	97
12) 1,1-Dichloroethene	2.578	96	71810	47.810	ug/L	96
13) Acetone	2.636	43	161472	124.736	ug/L	100
14) Carbon disulfide	2.793	76	173635	45.460	ug/L	100
15) Methyl Acetate	2.951	43	134287	52.302	ug/L	96
16) Methylene chloride	3.044	84	94826	48.481	ug/L	93
17) trans-1,2-Dichloroethene	3.353	96	78476	47.519	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	305238	49.407	ug/L	97
19) 1,1-Dichloroethane	3.871	63	176618	49.643	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	96853	48.205	ug/L	98
22) 2-Butanone	4.707	43	218810	109.992	ug/L	99
23) Bromochloromethane	4.973	128	49765	47.192	ug/L	91
25) Chloroform	5.089	83	182890	49.326	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	141734	46.958	ug/L	99
29) Cyclohexane	5.388	56	142651	55.531	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	154432	48.243	ug/L	97
31) Carbon tetrachloride	5.526	117	132477	47.319	ug/L	100
33) Benzene	5.774	78	379713	51.060	ug/L	100
34) Trichloroethene	6.542	95	95894	51.157	ug/L	96
35) Methylcyclohexane	6.764	83	146818	56.112	ug/L	95
37) 1,2-Dichloropropane	6.793	63	109363	52.151	ug/L	98
38) Bromodichloromethane	7.105	83	141148	50.696	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	162866	52.781	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	379704	107.473	ug/L	98
42) Toluene	7.970	91	403157	52.451	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	157082	51.410	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	101192	49.798	ug/L	97
46) Tetrachloroethene	8.555	164	68120	46.874	ug/L	95
48) 2-Hexanone	8.687	43	311528	108.463	ug/L	97
49) Dibromochloromethane	8.809	129	108724	48.055	ug/L	97
50) 1,2-Dibromoethane	8.925	107	107183	50.139	ug/L	99
51) Chlorobenzene	9.449	112	248623	47.850	ug/L	96
52) Ethylbenzene	9.571	91	442742	52.977	ug/L	99
53) m,p-Xylene	9.693	106	163696	49.879	ug/L	88
54) o-Xylene	10.102	106	163878	49.562	ug/L	88
55) Styrene	10.115	104	282365	51.136	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	188229	49.706	ug/L	99
59) Bromoform	10.291	173	82634	46.997	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	146419	48.450	ug/L	98
61) Isopropylbenzene	10.484	105	443067	54.748	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	387348	56.063	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	300371	54.606	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	194510	48.997	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	191041	47.530	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	198227	48.116	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	46980	47.101	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	141178	49.781	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	119208	49.708	ug/L	98
71) Naphthalene	14.086	128	393202	46.344	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	122262	48.197	ug/L	98

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

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