

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061022\
 Data File : U061022.D
 Acq On : 11 Jun 2022 02:28
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050146

Quant Time: Jun 11 02:48:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	307961	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	282562	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90010	47.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.880%
7) Chloroethane-d5	1.903	69	68467	49.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.300%
11) 1,1-Dichloroethene-d2	2.565	63	171923	48.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
21) 2-Butanone-d5	4.620	46	196066	94.260	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.260%
24) Chloroform-d	5.063	84	204665	50.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.140%
26) 1,2-Dichloroethane-d4	5.703	65	132736	50.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
32) Benzene-d6	5.726	84	373772	53.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.700%
36) 1,2-Dichloropropane-d6	6.690	67	125797	53.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.820%
41) Toluene-d8	7.896	98	341254	55.226	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.460%
43) trans-1,3-Dichloroprop...	8.179	79	56281	50.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.580%
47) 2-Hexanone-d5	8.632	63	120382	97.651	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.650%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	198447	50.443	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.880%
66) 1,2-Dichlorobenzene-d4	12.192	152	138991	51.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	134812	49.606	ug/L	100
3) Chloromethane	1.523	50	129591	45.239	ug/L	97
5) Vinyl chloride	1.604	62	121253	44.651	ug/L	99
6) Bromomethane	1.842	94	66996	44.601	ug/L	99
8) Chloroethane	1.925	64	68214	44.975	ug/L	97
9) Trichlorofluoromethane	2.134	101	174464	45.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	95905	44.205	ug/L	99
12) 1,1-Dichloroethene	2.578	96	88524	46.614	ug/L	93
13) Acetone	2.623	43	138744	84.766	ug/L	100
14) Carbon disulfide	2.790	76	213837	44.278	ug/L	99
15) Methyl Acetate	2.944	43	151490	46.664	ug/L	99
16) Methylene chloride	3.044	84	115424	46.672	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	95211	45.597	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	359512	46.023	ug/L	99
19) 1,1-Dichloroethane	3.867	63	210717	46.842	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	116420	45.827	ug/L	100
22) 2-Butanone	4.697	43	226728	90.139	ug/L	98
23) Bromochloromethane	4.973	128	63040	47.280	ug/L	96
25) Chloroform	5.089	83	222499	47.460	ug/L	99

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 Data File : VU049025.D
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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	180646	47.335	ug/L	99
29) Cyclohexane	5.391	56	148784	47.050	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	196629	49.899	ug/L	99
31) Carbon tetrachloride	5.523	117	174530	50.642	ug/L	99
33) Benzene	5.774	78	460334	50.286	ug/L	100
34) Trichloroethene	6.542	95	116127	50.326	ug/L	99
35) Methylcyclohexane	6.764	83	161800	50.234	ug/L	99
37) 1,2-Dichloropropane	6.790	63	131753	51.039	ug/L #	94
38) Bromodichloromethane	7.105	83	177196	51.701	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	179725	47.315	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	429079	98.659	ug/L	99
42) Toluene	7.970	91	495708	52.390	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	180900	48.096	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	129784	51.884	ug/L	99
46) Tetrachloroethene	8.552	164	88077	49.234	ug/L	97
48) 2-Hexanone	8.684	43	341398	96.559	ug/L	99
49) Dibromochloromethane	8.809	129	142381	51.122	ug/L	98
50) 1,2-Dibromoethane	8.922	107	135575	51.519	ug/L	98
51) Chlorobenzene	9.446	112	308582	48.246	ug/L	99
52) Ethylbenzene	9.571	91	500224	48.624	ug/L	98
53) m,p-Xylene	9.693	106	205701	50.917	ug/L	99
54) o-Xylene	10.098	106	207381	50.949	ug/L	98
55) Styrene	10.115	104	348209	51.228	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	225289	48.329	ug/L	99
59) Bromoform	10.291	173	108284	47.703	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	186097	47.699	ug/L	99
61) Isopropylbenzene	10.484	105	529197	50.651	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	454718	50.978	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	354997	49.989	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	242084	47.235	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	239570	46.168	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	255580	48.053	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	59286	46.040	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	171675	46.889	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	132058	42.654	ug/L	99
71) Naphthalene	14.085	128	426061	38.897	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	146855	44.842	ug/L	98

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

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