

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049375.D
 Acq On : 23 Jun 2022 13:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050157

Quant Time: Jun 24 01:12:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 24 01:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	229585	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	212281	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69659	49.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.500%
7) Chloroethane-d5	1.899	69	54092	52.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.180%
11) 1,1-Dichloroethene-d2	2.565	63	133451	50.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.000%
21) 2-Butanone-d5	4.620	46	174261	112.377	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.380%
24) Chloroform-d	5.063	84	158738	52.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.220%
26) 1,2-Dichloroethane-d4	5.700	65	98241	50.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
32) Benzene-d6	5.726	84	282240	53.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.240%
36) 1,2-Dichloropropane-d6	6.690	67	104022	58.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.560%
41) Toluene-d8	7.896	98	255723	55.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.180%
43) trans-1,3-Dichloroprop...	8.179	79	44984	54.035	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.060%
47) 2-Hexanone-d5	8.632	63	111231	120.101	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.100%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	161188	54.537	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.080%
66) 1,2-Dichlorobenzene-d4	12.192	152	102635	54.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	86739	42.813	ug/L	100
3) Chloromethane	1.520	50	95054	44.510	ug/L	98
5) Vinyl chloride	1.604	62	93502	46.186	ug/L	96
6) Bromomethane	1.842	94	35721	31.899	ug/L	100
8) Chloroethane	1.922	64	56529	49.994	ug/L	99
9) Trichlorofluoromethane	2.134	101	133412	46.823	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	79695	49.274	ug/L	95
12) 1,1-Dichloroethene	2.578	96	66959	47.295	ug/L	95
13) Acetone	2.626	43	117259	96.097	ug/L	99
14) Carbon disulfide	2.790	76	159532	44.311	ug/L	100
15) Methyl Acetate	2.948	43	128906	53.263	ug/L	95
16) Methylene chloride	3.044	84	88809	48.169	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	73983	47.526	ug/L	93
18) Methyl tert-butyl Ether	3.362	73	288303	49.506	ug/L	97
19) 1,1-Dichloroethane	3.867	63	169578	50.566	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	92616	48.903	ug/L	98
22) 2-Butanone	4.700	43	195753	104.393	ug/L	97
23) Bromochloromethane	4.973	128	46953	47.236	ug/L	91
25) Chloroform	5.086	83	175089	50.097	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	134940	47.429	ug/L	99
29) Cyclohexane	5.388	56	134247	56.508	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	147064	49.677	ug/L	98
31) Carbon tetrachloride	5.523	117	123039	47.521	ug/L	99
33) Benzene	5.774	78	363757	52.892	ug/L	100
34) Trichloroethene	6.539	95	89529	51.644	ug/L	95
35) Methylcyclohexane	6.761	83	135562	56.022	ug/L	96
37) 1,2-Dichloropropane	6.790	63	105745	54.526	ug/L	98
38) Bromodichloromethane	7.105	83	133636	51.900	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	153397	53.754	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	363059	111.117	ug/L	97
42) Toluene	7.970	91	380853	53.577	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	145991	51.665	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	96415	51.305	ug/L	97
46) Tetrachloroethene	8.552	164	65269	48.563	ug/L	97
48) 2-Hexanone	8.684	43	288678	108.679	ug/L	97
49) Dibromochloromethane	8.809	129	101843	48.673	ug/L	98
50) 1,2-Dibromoethane	8.922	107	101633	51.408	ug/L	97
51) Chlorobenzene	9.446	112	236721	49.264	ug/L	97
52) Ethylbenzene	9.568	91	409589	52.995	ug/L	99
53) m,p-Xylene	9.693	106	153922	50.714	ug/L	88
54) o-Xylene	10.099	106	153866	50.317	ug/L	89
55) Styrene	10.115	104	258411	50.603	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	177512	50.687	ug/L	98
59) Bromoform	10.291	173	74411	46.305	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	139893	50.649	ug/L	98
61) Isopropylbenzene	10.484	105	405132	54.774	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	349199	55.299	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	271383	53.980	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	175803	48.454	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	172832	47.048	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	183791	48.812	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	43688	47.924	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	124137	47.893	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	105666	48.209	ug/L	97
71) Naphthalene	14.086	128	345033	44.495	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	110819	47.799	ug/L	99

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

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