

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051185.D
 Acq On : 06 Oct 2022 20:30
 Operator : JC/MD
 Sample : N4853-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW825MS

Quant Time: Oct 07 01:34:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	402549	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	411927	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	155147	38.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.060%
7) Chloroethane-d5	1.896	69	139270	36.750	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.500%
11) 1,1-Dichloroethene-d2	2.562	63	256035	42.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.980%
21) 2-Butanone-d5	4.620	46	203759	77.007	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.010%
24) Chloroform-d	5.060	84	291891	44.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.820%
26) 1,2-Dichloroethane-d4	5.700	65	182279	44.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.600%
32) Benzene-d6	5.726	84	567956	47.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	6.690	67	188022	48.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.080%
41) Toluene-d8	7.896	98	506375	45.435	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.860%
43) trans-1,3-Dichloroprop...	8.176	79	77502	41.512	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.020%
47) 2-Hexanone-d5	8.632	63	106434	67.341	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.340%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	299815	43.827	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.660%
66) 1,2-Dichlorobenzene-d4	12.192	152	176806	41.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	146718	43.465	ug/L	99
3) Chloromethane	1.523	50	197852	49.609	ug/L	99
5) Vinyl chloride	1.600	62	201950	47.712	ug/L	98
6) Bromomethane	1.832	94	100148	28.564	ug/L	100
8) Chloroethane	1.919	64	129486	41.661	ug/L	98
9) Trichlorofluoromethane	2.128	101	231302	40.642	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	136729	44.492	ug/L	98
12) 1,1-Dichloroethene	2.575	96	129675	45.172	ug/L	87
13) Acetone	2.623	43	168853	79.915	ug/L	98
14) Carbon disulfide	2.787	76	377349	44.469	ug/L	99
15) Methyl Acetate	2.944	43	168739	43.743	ug/L	96
16) Methylene chloride	3.041	84	184902	44.869	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	138430	45.328	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	445195	47.969	ug/L	98
19) 1,1-Dichloroethane	3.864	63	297651	51.309	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	162638	47.695	ug/L	95
22) 2-Butanone	4.700	43	255679	87.583	ug/L	97
23) Bromochloromethane	4.970	128	91837	49.154	ug/L	89
25) Chloroform	5.086	83	310448	49.199	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	239166	49.479	ug/L	97
29) Cyclohexane	5.385	56	193836	48.327	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	235033	48.651	ug/L	99
31) Carbon tetrachloride	5.520	117	186620	47.346	ug/L	99
33) Benzene	5.771	78	684276	54.488	ug/L	100
34) Trichloroethene	6.539	95	149105	45.840	ug/L	98
35) Methylcyclohexane	6.761	83	190278	42.980	ug/L	95
37) 1,2-Dichloropropane	6.790	63	186707	55.209	ug/L	100
38) Bromodichloromethane	7.105	83	231341	51.259	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	224018	46.773	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	497307	101.541	ug/L	98
42) Toluene	7.967	91	722328	54.075	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	227195	46.916	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	184476	50.360	ug/L	98
46) Tetrachloroethene	8.552	164	115202	46.735	ug/L	98
48) 2-Hexanone	8.681	43	419979	94.410	ug/L	99
49) Dibromochloromethane	8.809	129	176804	45.907	ug/L	97
50) 1,2-Dibromoethane	8.922	107	185387	46.678	ug/L	96
51) Chlorobenzene	9.446	112	424511	46.732	ug/L	99
52) Ethylbenzene	9.568	91	643632	45.173	ug/L	98
53) m,p-Xylene	9.693	106	256193	47.815	ug/L	99
54) o-Xylene	10.099	106	256251	47.848	ug/L	100
55) Styrene	10.111	104	458713	49.557	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	322315	49.716	ug/L	100
59) Bromoform	10.288	173	130480	44.719	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	254353	48.740	ug/L	98
61) Isopropylbenzene	10.481	105	609935	47.347	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	491827	46.690	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	495868	46.968	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	297914	44.859	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	292364	44.040	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	317760	46.571	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	60531	39.747	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	176429	39.176	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	130769	35.490	ug/L	100
71) Naphthalene	14.085	128	427610	32.424	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	154586	37.597	ug/L	99

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

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