

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050912.D
 Acq On : 22 Sep 2022 20:46
 Operator : JC/MD
 Sample : N4747-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A0MSD

Quant Time: Sep 23 01:14:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	477243	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	466828	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	232354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	140073	28.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.660%#
7) Chloroethane-d5	1.906	69	123360	35.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.060%
11) 1,1-Dichloroethene-d2	2.568	63	268507	34.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.800%
21) 2-Butanone-d5	4.617	46	338170	105.936	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.940%
24) Chloroform-d	5.060	84	314857	40.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.260%
26) 1,2-Dichloroethane-d4	5.700	65	193401	40.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.000%
32) Benzene-d6	5.726	84	578936	37.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.300%
36) 1,2-Dichloropropane-d6	6.687	67	204658	39.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.860%
41) Toluene-d8	7.896	98	504644	37.546	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.100%#
43) trans-1,3-Dichloroprop...	8.176	79	88050	38.997	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.000%
47) 2-Hexanone-d5	8.629	63	210287	98.316	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	354497	44.799	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	195794	40.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	206533	41.794	ug/L	99
3) Chloromethane	1.520	50	258315	44.964	ug/L	99
5) Vinyl chloride	1.604	62	255114	45.359	ug/L	99
6) Bromomethane	1.845	94	147942	52.068	ug/L	100
8) Chloroethane	1.929	64	152632	49.015	ug/L	99
9) Trichlorofluoromethane	2.134	101	285423	46.786	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	168046	43.036	ug/L	100
12) 1,1-Dichloroethene	2.578	96	167089	45.541	ug/L	89
13) Acetone	2.620	43	236511	87.501	ug/L	98
14) Carbon disulfide	2.790	76	528741	45.573	ug/L	99
15) Methyl Acetate	2.941	43	240571	47.162	ug/L	98
16) Methylene chloride	3.041	84	213845	41.976	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	183393	48.768	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	571570	49.858	ug/L	99
19) 1,1-Dichloroethane	3.867	63	362520	47.710	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	213588	51.226	ug/L	99
22) 2-Butanone	4.694	43	378264	106.168	ug/L	100
23) Bromochloromethane	4.973	128	107058	48.991	ug/L	94
25) Chloroform	5.086	83	371228	49.022	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	286374	49.762	ug/L	99
29) Cyclohexane	5.388	56	280453	43.655	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	299062	48.154	ug/L	99
31) Carbon tetrachloride	5.523	117	241491	46.806	ug/L	100
33) Benzene	5.771	78	831150	48.379	ug/L	100
34) Trichloroethene	6.539	95	211325	52.955	ug/L	99
35) Methylcyclohexane	6.761	83	277115	43.097	ug/L	98
37) 1,2-Dichloropropane	6.790	63	225252	47.914	ug/L	99
38) Bromodichloromethane	7.102	83	280039	49.997	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	306924	48.788	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	700479	108.118	ug/L	99
42) Toluene	7.967	91	863244	50.615	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	292752	48.919	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	213153	49.201	ug/L	99
46) Tetrachloroethene	8.552	164	135698	47.318	ug/L	99
48) 2-Hexanone	8.681	43	578312	106.824	ug/L	99
49) Dibromochloromethane	8.809	129	215088	50.634	ug/L	99
50) 1,2-Dibromoethane	8.922	107	226259	50.337	ug/L	99
51) Chlorobenzene	9.446	112	507156	48.708	ug/L	99
52) Ethylbenzene	9.568	91	851908	50.070	ug/L	99
53) m,p-Xylene	9.693	106	328736	51.970	ug/L	100
54) o-Xylene	10.099	106	323985	51.405	ug/L	99
55) Styrene	10.111	104	572440	52.975	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	384527	47.967	ug/L	99
59) Bromoform	10.288	173	161588	48.182	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	307902	47.112	ug/L	99
61) Isopropylbenzene	10.481	105	811230	48.855	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	677998	49.670	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	685405	50.703	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	367981	48.461	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	369839	47.975	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	390724	48.596	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	92988	51.731	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	254574	47.917	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	210524	48.421	ug/L	99
71) Naphthalene	14.086	128	860896	51.521	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	243429	50.026	ug/L	100

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

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