

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050932.D
 Acq On : 23 Sep 2022 20:15
 Operator : JC/MD
 Sample : N4748-10MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQS0MS

Quant Time: Sep 24 00:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	415384	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	408193	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198168	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156540	36.374	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.740%
7) Chloroethane-d5	1.912	69	137934	45.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.568	63	283133	42.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.560%
21) 2-Butanone-d5	4.626	46	310837	111.875	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.870%
24) Chloroform-d	5.063	84	310236	45.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.700	65	194458	46.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
32) Benzene-d6	5.726	84	605504	45.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	6.690	67	203765	44.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	7.896	98	544691	46.346	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.700%
43) trans-1,3-Dichloroprop...	8.176	79	87677	44.409	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.820%
47) 2-Hexanone-d5	8.632	63	181285	96.932	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.930%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	324034	46.832	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.660%
66) 1,2-Dichlorobenzene-d4	12.192	152	190734	45.970	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	205323	47.737	ug/L	99
3) Chloromethane	1.520	50	232088	46.414	ug/L	99
5) Vinyl chloride	1.604	62	234356	47.874	ug/L	99
6) Bromomethane	1.858	94	136084	55.027	ug/L	100
8) Chloroethane	1.932	64	147860	54.554	ug/L	100
9) Trichlorofluoromethane	2.138	101	274206	51.641	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	170690	50.223	ug/L	99
12) 1,1-Dichloroethene	2.581	96	157263	49.246	ug/L	90
13) Acetone	2.636	43	230367	97.920	ug/L	99
14) Carbon disulfide	2.793	76	481542	47.686	ug/L	99
15) Methyl Acetate	2.951	43	231768	52.203	ug/L	98
16) Methylene chloride	3.044	84	194292	43.818	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	162826	49.747	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	499984	50.109	ug/L	99
19) 1,1-Dichloroethane	3.867	63	325433	49.207	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	182379	50.254	ug/L	100
22) 2-Butanone	4.703	43	354721	114.387	ug/L	99
23) Bromochloromethane	4.973	128	95641	50.284	ug/L	96
25) Chloroform	5.086	83	333624	50.617	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	254229	50.755	ug/L	100
29) Cyclohexane	5.388	56	270084	48.080	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	276857	50.982	ug/L	99
31) Carbon tetrachloride	5.523	117	227129	50.346	ug/L	100
33) Benzene	5.774	78	753269	50.144	ug/L	100
34) Trichloroethene	6.543	95	181075	51.892	ug/L	98
35) Methylcyclohexane	6.764	83	278746	49.578	ug/L	99
37) 1,2-Dichloropropane	6.790	63	204334	49.708	ug/L	100
38) Bromodichloromethane	7.105	83	249167	50.875	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	255468	46.442	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	632386	111.628	ug/L	100
42) Toluene	7.967	91	776943	52.099	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	255833	48.891	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	190692	50.339	ug/L	99
46) Tetrachloroethene	8.552	164	124854	49.791	ug/L	99
48) 2-Hexanone	8.684	43	543054	114.720	ug/L	99
49) Dibromochloromethane	8.809	129	187386	50.449	ug/L	98
50) 1,2-Dibromoethane	8.922	107	201050	51.153	ug/L	100
51) Chlorobenzene	9.446	112	450096	49.438	ug/L	99
52) Ethylbenzene	9.568	91	745194	50.090	ug/L	100
53) m,p-Xylene	9.690	106	289082	52.265	ug/L	100
54) o-Xylene	10.099	106	283115	51.373	ug/L	99
55) Styrene	10.111	104	497677	52.672	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	337182	48.103	ug/L	100
59) Bromoform	10.288	173	139275	48.693	ug/L	96
60) 1,2,3-Trichloropropane	10.819	75	277584	49.800	ug/L	99
61) Isopropylbenzene	10.481	105	716619	50.602	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	584559	50.212	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	581384	50.427	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	309743	47.828	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	315796	48.031	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	330192	48.152	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	81924	53.438	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	202895	44.778	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	164853	44.458	ug/L	97
71) Naphthalene	14.086	128	647299	45.421	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	191345	46.106	ug/L	99

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

