

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050864.D
 Acq On : 21 Sep 2022 04:35
 Operator : JC/MD
 Sample : N4650-12 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ07

Quant Time: Sep 21 06:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	431346	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	410759	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	164373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	191286	42.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.600%		
7) Chloroethane-d5	1.909	69	158544	49.813	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.620%		
11) 1,1-Dichloroethene-d2	2.565	63	235013	33.796	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.600%		
21) 2-Butanone-d5	4.626	46	333901	115.729	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.730%		
24) Chloroform-d	5.063	84	329944	47.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.220%		
26) 1,2-Dichloroethane-d4	5.700	65	216372	50.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.260%		
32) Benzene-d6	5.726	84	670006	49.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.040%		
36) 1,2-Dichloropropane-d6	6.690	67	226937	49.692	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.380%		
41) Toluene-d8	7.896	98	533820	45.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.280%		
43) trans-1,3-Dichloroprop...	8.179	79	86935	43.758	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.520%		
47) 2-Hexanone-d5	8.632	63	195407	103.830	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.830%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	341355	49.027	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.060%		
66) 1,2-Dichlorobenzene-d4	12.192	152	183330	53.269	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.540%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	15114	2.973	ug/L #	76
12) 1,1-Dichloroethene	2.578	96	9077	2.737	ug/L #	1
16) Methylene chloride	3.044	84	5524	1.200	ug/L	92
17) trans-1,2-Dichloroethene	3.359	96	3127	0.920	ug/L	93
19) 1,1-Dichloroethane	3.871	63	302565	44.056	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	676431	179.493	ug/L	100
27) 1,2-Dichloroethane	5.800	62	3720	0.715	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	254071	46.493	ug/L	100
42) Toluene	7.970	91	45350	3.022	ug/L	96
52) Ethylbenzene	9.571	91	16211	1.083	ug/L	86
53) m,p-Xylene	9.690	106	13751	2.471	ug/L	87
54) o-Xylene	10.099	106	9689	1.747	ug/L	81
62) 1,3,5-Trimethylbenzene	11.086	105	11733	1.215	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	51842	5.421	ug/L	98

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

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