

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050861.D
 Acq On : 21 Sep 2022 03:25
 Operator : JC/MD
 Sample : N4650-02 25X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYZ7

Quant Time: Sep 21 04:43:12 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	6.250	114	425373	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	416463	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	182432	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	189121	42.912	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.820%		
7) Chloroethane-d5	1.909	69	156332	49.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.620%		
11) 1,1-Dichloroethene-d2	2.565	63	231299	33.729	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.460%		
21) 2-Butanone-d5	4.623	46	314824	110.649	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.650%		
24) Chloroform-d	5.063	84	326721	47.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
26) 1,2-Dichloroethane-d4	5.700	65	210709	49.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.000%		
32) Benzene-d6	5.726	84	657566	47.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.880%		
36) 1,2-Dichloropropane-d6	6.690	67	224440	48.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.940%		
41) Toluene-d8	7.896	98	525621	43.836	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.680%		
43) trans-1,3-Dichloroprop...	8.179	79	85269	42.332	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.660%		
47) 2-Hexanone-d5	8.632	63	187537	98.283	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.280%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	330934	46.879	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.760%		
66) 1,2-Dichlorobenzene-d4	12.192	152	191683	50.183	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.360%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	158317	31.581	ug/L	98
8) Chloroethane	1.929	64	89779	32.346	ug/L	98
12) 1,1-Dichloroethene	2.578	96	3078	0.941	ug/L #	1
16) Methylene chloride	3.047	84	5388	1.187	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	4667	1.392	ug/L	98
19) 1,1-Dichloroethane	3.867	63	393640	58.123	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	182102	49.000	ug/L	99
27) 1,2-Dichloroethane	5.800	62	3158	0.616	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	39150	7.066	ug/L	100
42) Toluene	7.967	91	46430	3.052	ug/L	99
52) Ethylbenzene	9.568	91	119004	7.840	ug/L	99
53) m,p-Xylene	9.690	106	104167	18.459	ug/L	98
54) o-Xylene	10.099	106	54732	9.734	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	68057	6.350	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	370944	34.950	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	4530	0.718	ug/L #	83

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