

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050868.D
 Acq On : 21 Sep 2022 06:09
 Operator : JC/MD
 Sample : N4650-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ38

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 21 06:58:08 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	426575	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	146227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	185835	42.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.100%		
7) Chloroethane-d5	1.909	69	158149	50.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.480%		
11) 1,1-Dichloroethene-d2	2.572	63	443710	64.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	129.040%#		
21) 2-Butanone-d5	4.623	46	325871	114.209	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.210%		
24) Chloroform-d	5.064	84	331719	47.894	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.780%		
26) 1,2-Dichloroethane-d4	5.700	65	210502	49.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.640%		
32) Benzene-d6	5.726	84	660850	48.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.980%		
36) 1,2-Dichloropropane-d6	6.690	67	226675	49.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.580%		
41) Toluene-d8	7.896	98	525080	44.534	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.060%		
43) trans-1,3-Dichloroprop...	8.179	79	86631	43.738	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.480%		
47) 2-Hexanone-d5	8.633	63	194054	103.425	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.430%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	333392	48.029	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.060%		
66) 1,2-Dichlorobenzene-d4	12.192	152	167494	54.708	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.420%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	11468	2.103	ug/L	99
12) 1,1-Dichloroethene	2.578	96	399495m	121.817	ug/L	
17) trans-1,2-Dichloroethene	3.356	96	9754	2.902	ug/L	96
19) 1,1-Dichloroethane	3.867	63	749186	110.309	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	457779	122.832	ug/L	99
25) Chloroform	5.089	83	35567	5.255	ug/L	98
27) 1,2-Dichloroethane	5.797	62	4692	0.912	ug/L #	93
30) 1,1,1-Trichloroethane	5.314	97	1931947	354.612	ug/L	99
34) Trichloroethene	6.539	95	419435	119.815	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	10365	2.727	ug/L	96
46) Tetrachloroethene	8.552	164	176675	70.230	ug/L	99

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

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