

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048207.D
 Acq On : 22 Apr 2022 06:22
 Operator : SY/MD
 Sample : N2488-09 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 22 07:43:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	335741	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	344705	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	185565	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88161	36.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.420%		
7) Chloroethane-d5	1.916	69	76210	39.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.400%		
11) 1,1-Dichloroethene-d2	2.569	63	122020	27.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.780%#		
21) 2-Butanone-d5	4.620	46	186468	89.230	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.230%		
24) Chloroform-d	5.067	84	187605	42.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.220%		
26) 1,2-Dichloroethane-d4	5.703	65	117895	43.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.300%		
32) Benzene-d6	5.729	84	378952	43.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
36) 1,2-Dichloropropane-d6	6.691	67	126703	47.565	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.140%		
41) Toluene-d8	7.899	98	320594	37.937	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.880%#		
43) trans-1,3-Dichloroprop...	8.179	79	48124	35.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.320%		
47) 2-Hexanone-d5	8.633	63	119592	76.692	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.690%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	198165	43.348	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.700%		
66) 1,2-Dichlorobenzene-d4	12.192	152	151757m	45.968	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.940%		
Target Compounds						Qvalue
31) Carbon tetrachloride	5.527	117	4299	1.218	ug/L	100
33) Benzene	5.777	78	982240	98.445	ug/L	100
51) Chlorobenzene	9.449	112	3166097	425.927	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	158228	28.386	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1376345	238.379	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1383249	248.003	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	265262	66.896	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	71553	18.000	ug/L	99

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

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