

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052546.D
 Acq On : 23 Dec 2022 18:42
 Operator : JC/MD
 Sample : N6171-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/28/2022

Quant Time: Dec 24 03:58:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.951	114	150862m	5.000	ug/L	0.70
28) Chlorobenzene-d5	9.603	117	140216	5.000	ug/L	0.19
58) 1,4-Dichlorobenzene-d4	11.861	152	65307	5.000	ug/L	0.05
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.967	65	65709m	4.299	ug/L	0.37
Spiked Amount 5.000	Range 40 - 130		Recovery =	86.000%		
7) Chloroethane-d5	2.620	69	62355m	4.731	ug/L	0.70
Spiked Amount 5.000	Range 65 - 130		Recovery =	94.600%		
11) 1,1-Dichloroethene-d2	3.822	65	22858m	3.476	ug/L	1.25
Spiked Amount 5.000	Range 60 - 125		Recovery =	69.600%		
20) 2-Butanone-d5	5.620	46	145064m	30.607	ug/L	0.97
Spiked Amount 50.000	Range 40 - 130		Recovery =	61.220%		
24) Chloroform-d	5.941	84	68456m	2.655	ug/L	0.88
Spiked Amount 5.000	Range 70 - 125		Recovery =	53.000%#		
26) 1,2-Dichloroethane-d4	6.514	65	45550m	3.045	ug/L	0.81
Spiked Amount 5.000	Range 70 - 130		Recovery =	61.000%#		
32) Benzene-d6	6.546	84	217744m	4.529	ug/L	0.82
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.600%		
36) 1,2-Dichloropropane-d6	7.301	67	67536m	4.081	ug/L	0.61
Spiked Amount 5.000	Range 60 - 140		Recovery =	81.600%		
41) Toluene-d8	8.272	98	189295m	4.691	ug/L	0.38
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.800%		
43) trans-1,3-Dichloroprop...	8.494	79	22461m	3.964	ug/L	0.32
Spiked Amount 5.000	Range 55 - 130		Recovery =	79.200%		
46) 2-Hexanone-d5	8.880	63	131358m	42.371	ug/L	0.25
Spiked Amount 50.000	Range 45 - 130		Recovery =	84.740%		
56) 1,1,2,2-Tetrachloroeth...	10.832	84	64181	4.568	ug/L	0.08
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.230	152	71451	5.374	ug/L	0.04
Spiked Amount 5.000	Range 80 - 120		Recovery =	107.400%		
Target Compounds						
22) cis-1,2-Dichloroethene	4.652	96	46976	3.676	ug/L	92
33) Benzene	6.616	78	386578m	7.654	ug/L	

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

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