

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056818.D
 Acq On : 13 Dec 2023 05:25
 Operator : MD/SY
 Sample : 05684-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06H8

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2023
 Supervised By : Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 06:09:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235603	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	139803	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88223	4.369	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	87.400%		
7) Chloroethane-d5	1.907	69	76236	5.045	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	100.800%		
11) 1,1-Dichloroethene-d2	2.563	65	39739	4.599	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	92.000%		
20) 2-Butanone-d5	4.615	46	201119	50.428	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	100.860%		
24) Chloroform-d	5.055	84	189855	4.965	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.200%		
26) 1,2-Dichloroethane-d4	5.695	65	94097	5.200	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	104.000%		
32) Benzene-d6	5.721	84	368078	4.919	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.400%		
36) 1,2-Dichloropropane-d6	6.685	67	115669	4.939	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.800%		
41) Toluene-d8	7.891	98	304166	4.548	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.000%		
43) trans-1,3-Dichloroprop...	8.177	79	40810	4.493	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.800%		
46) 2-Hexanone-d5	8.627	63	177940	51.942	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	103.880%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85442	5.042	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	100.800%		
66) 1,2-Dichlorobenzene-d4	12.193	152	132745	4.830	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.600%		
Target Compounds						
13) Acetone	2.618	43	237686	97.793	ug/L	99
21) 2-Butanone	4.717	43	9959	2.430	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	22598	1.071	ug/L	99
33) Benzene	5.769	78	13153	0.155	ug/L	100
34) Trichloroethene	6.537	95	59002	2.537	ug/L	97
47) Tetrachloroethene	8.550	164	25944	1.594	ug/L	97
51) Chlorobenzene	9.441	112	5679550	101.575	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	11332394	216.887	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	21478691m	417.477	ug/L	
67) 1,2-Dichlorobenzene	12.206	146	21366125m	448.881	ug/L	

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

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