

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062891.D
 Acq On : 17 Jan 2025 23:36
 Operator : MD/SY
 Sample : Q1086-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025

Quant Time: Jan 18 00:59:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97295	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19510	3.621	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	72.400%		
7) Chloroethane-d5	1.901	69	18388	4.242	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.800%		
11) 1,1-Dichloroethene-d2	2.550	65	11864	4.250	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.000%		
20) 2-Butanone-d5	4.608	46	53752	48.807	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.620%		
24) Chloroform-d	5.052	84	57809	4.360	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.200%		
26) 1,2-Dichloroethane-d4	5.695	65	34135	4.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.000%		
32) Benzene-d6	5.717	84	102022	4.732	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.600%		
36) 1,2-Dichloropropane-d6	6.679	67	28557	4.777	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.600%		
41) Toluene-d8	7.888	98	93360	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.800%		
43) trans-1,3-Dichloroprop...	8.171	79	14637	4.912	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	98.200%		
46) 2-Hexanone-d5	8.621	63	42624	45.482	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	90.960%		
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24275	4.849	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.000%		
66) 1,2-Dichlorobenzene-d4	12.183	152	33745	5.042	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.800%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	6365	0.909	ug/L #	81
8) Chloroethane	1.923	64	2585	0.614	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	33529	4.912	ug/L #	29
12) 1,1-Dichloroethene	2.563	96	14048095	2325.904	ug/L #	46
16) Methylene chloride	3.029	84	1565	0.237	ug/L	89
19) 1,1-Dichloroethane	3.853	63	4833230	417.755	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	2217	0.315	ug/L	90
25) Chloroform	5.078	83	31164	2.189	ug/L	97
27) 1,2-Dichloroethane	5.785	62	49065	5.270	ug/L	98
29) 1,1,1-Trichloroethane	5.299	97	49833247m	3724.795	ug/L	
34) Trichloroethene	6.531	95	712959	82.360	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	2457	0.506	ug/L	94
47) Tetrachloroethene	8.544	164	18900	3.170	ug/L	97

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

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