

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063032.D
 Acq On : 27 Jan 2025 21:53
 Operator : MD/SY
 Sample : Q1196-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2964

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 29 07:31:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.293	114	91723	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.421	117	82941	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.804	152	50234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.631	65	11377	3.450	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.949	69	11489	4.589	ug/L	0.07
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.608	65	7064	3.582	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.724	46	20895	21.834	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.660%
24) Chloroform-d	5.106	84	53670	4.098	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.766	65	30972	4.142	ug/L	0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.785	84	80169	4.230	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.727	67	20098	4.165	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.913	98	80420	4.291	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.193	79	12893	4.315	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.647	63	30095	40.372	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18389	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	39542	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds	Qvalue					
13) Acetone	2.759	43	16492m	26.652	ug/L	
14) Carbon disulfide	2.833	76	9111	0.746	ug/L	99
19) 1,1-Dichloroethane	3.907	63	4160	0.471	ug/L	97
33) Benzene	5.830	78	21677	1.079	ug/L	100
34) Trichloroethene	6.579	95	9505	1.392	ug/L	85
40) 4-Methyl-2-pentanone	7.817	43	9555	4.383	ug/L	93
42) Toluene	7.984	91	133169	5.576	ug/L	98
47) Tetrachloroethene	8.560	164	253062	42.612	ug/L	93
52) Ethylbenzene	9.573	91	49092	1.764	ug/L	98
53) m,p-Xylene	9.692	106	61212	5.695	ug/L	99
54) o-Xylene	10.097	106	34692	3.523	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	16567	0.594	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	55969	2.120	ug/L	90

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

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