

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062816.D
 Acq On : 16 Jan 2025 13:47
 Operator : MD/SY
 Sample : Q1058-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X5

Quant Time: Jan 16 22:06:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91161	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21722	4.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.904	69	19061	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.557	65	11673	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.605	46	53504	51.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.049	84	56731	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.689	65	34088	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.714	84	98085	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.679	67	28037	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.888	98	94970	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.171	79	13575	4.723	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.621	63	42688	47.219	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23606	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	34273	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	45799	6.979	ug/L	94
8) Chloroethane	1.923	64	4157	1.054	ug/L	93
12) 1,1-Dichloroethene	2.570	96	100991	17.846	ug/L #	79
13) Acetone	2.615	43	3779	4.623	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	2330	0.150	ug/L #	74
18) trans-1,2-Dichloroethene	3.341	96	6033	0.995	ug/L	94
19) 1,1-Dichloroethane	3.856	63	93676	8.642	ug/L	96
21) 2-Butanone	4.692	43	17127	15.732	ug/L	87
22) cis-1,2-Dichloroethene	4.650	96	100329	15.196	ug/L	97
27) 1,2-Dichloroethane	5.785	62	7274	0.834	ug/L	97
34) Trichloroethene	6.531	95	64994	7.783	ug/L	98

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

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