

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056042.D
 Acq On : 01 Nov 2023 16:17
 Operator : MD/SY
 Sample : 05052-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL9

Quant Time: Nov 02 02:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	325692	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	322374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	141864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69941	2.715	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.914	69	67953	3.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.566	65	34081	3.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.627	46	235857	51.315	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.640%
24) Chloroform-d	5.058	84	213520	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.698	65	95954	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.724	84	376182	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.688	67	123223	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.897	98	298789	3.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	8.180	79	39676	3.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.630	63	175878	62.230	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93935	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	110611	4.179	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	11909	0.666	ug/L	98
25) Chloroform	5.084	83	433487	12.722	ug/L	98

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

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