

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054935.D
 Acq On : 28 Aug 2023 19:51
 Operator : MD/SY
 Sample : 04173-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL6

Quant Time: Aug 29 05:01:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	183547	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	178871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	93649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27174	4.691	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.907	69	36592	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.563	65	15037	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.631	46	180926	57.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.720%
24) Chloroform-d	5.062	84	102449	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.701	65	58615	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.724	84	186483	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.689	67	66989	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.897	98	171121	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.180	79	21218	4.559	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.634	63	123541	55.930	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60395	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	73112	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3566	0.300	ug/L	97
13) Acetone	2.644	43	10873	6.433	ug/L	100
18) trans-1,2-Dichloroethene	3.361	96	1542	0.170	ug/L	82
21) 2-Butanone	4.721	43	24390	9.417	ug/L #	60
22) cis-1,2-Dichloroethene	4.663	96	79695	7.381	ug/L	95
34) Trichloroethene	6.541	95	56484	4.830	ug/L	97
47) Tetrachloroethene	8.550	164	4609	0.548	ug/L	91
51) Chlorobenzene	9.444	112	9825	0.322	ug/L	97

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

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