

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054938.D
 Acq On : 28 Aug 2023 21:05
 Operator : MD/SY
 Sample : 04173-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL9

Quant Time: Aug 29 05:02:50 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	175699	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25068	4.521	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.911	69	34830	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	14969	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.631	46	186171	62.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.380%
24) Chloroform-d	5.062	84	99743	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.702	65	56704	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.724	84	186454	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.689	67	66595	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.898	98	167600	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.181	79	19904	4.505	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.634	63	128679	61.359	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60795	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	70325	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6614	0.582	ug/L	89
5) Vinyl chloride	1.602	62	5099	0.432	ug/L #	77
12) 1,1-Dichloroethene	2.579	96	4035	0.509	ug/L #	1
13) Acetone	2.644	43	10843	6.701	ug/L	86
18) trans-1,2-Dichloroethene	3.354	96	11102	1.281	ug/L	86
19) 1,1-Dichloroethane	3.866	63	2585	0.142	ug/L	95
21) 2-Butanone	4.718	43	25392	10.242	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	242611	23.472	ug/L	93
34) Trichloroethene	6.541	95	109286	9.843	ug/L	98
47) Tetrachloroethene	8.557	164	1517	0.190	ug/L	76

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

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