

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054928.D
 Acq On : 28 Aug 2023 16:59
 Operator : MD/SY
 Sample : 04173-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK9

Quant Time: Aug 29 05:00:00 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	183894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	179029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	91609	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27199	4.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.910	69	36576	4.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.563	65	14635	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.627	46	181522	57.939	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.880%
24) Chloroform-d	5.061	84	104218	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.701	65	60210	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.724	84	186471	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.688	67	68324	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.897	98	177042	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.180	79	21463	4.608	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.634	63	124901	56.496	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.000%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	60407	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	74041	5.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	9988	0.840	ug/L	95
5) Vinyl chloride	1.599	62	45543	3.690	ug/L	99
8) Chloroethane	1.930	64	19043	2.346	ug/L	93
12) 1,1-Dichloroethene	2.576	96	2909	0.350	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	218108	24.037	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	651407	60.213	ug/L	93
33) Benzene	5.772	78	5799	0.137	ug/L	100
34) Trichloroethene	6.541	95	465936	39.808	ug/L	98
47) Tetrachloroethene	8.553	164	13834	1.645	ug/L	96
51) Chlorobenzene	9.444	112	22699	0.744	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	4817	0.210	ug/L	94

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

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