

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054936.D
 Acq On : 28 Aug 2023 20:16
 Operator : MD/SY
 Sample : 04173-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL7

Quant Time: Aug 29 05:02:15 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	184228	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	175243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	93122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26469	4.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.911	69	35703	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.563	65	15542	4.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.631	46	189571	60.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.800%
24) Chloroform-d	5.061	84	105095	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.701	65	59479	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.727	84	189573	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.688	67	68286	4.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.897	98	170826	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	20958	4.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.634	63	125522	58.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.000%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	64030	5.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	72822	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3410	0.286	ug/L	94
5) Vinyl chloride	1.602	62	8132	0.658	ug/L #	54
8) Chloroethane	1.930	64	6464	0.795	ug/L #	63
12) 1,1-Dichloroethene	2.576	96	3956	0.476	ug/L #	1
13) Acetone	2.640	43	14715	8.674	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	60058	6.607	ug/L	95
21) 2-Butanone	4.727	43	25655	9.869	ug/L	82
22) cis-1,2-Dichloroethene	4.663	96	1042311	96.172	ug/L	95
34) Trichloroethene	6.541	95	91573	7.993	ug/L	97
51) Chlorobenzene	9.447	112	15977	0.535	ug/L	92

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

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