

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054931.D
 Acq On : 28 Aug 2023 18:13
 Operator : MD/SY
 Sample : 04173-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL2

Quant Time: Aug 29 05:00:50 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	188635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	180079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25642	4.307	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	34592	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.563	65	14826	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.628	46	176373	54.881	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	5.062	84	99340	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.701	65	55891	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.724	84	183085	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	66749	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.898	98	167222	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.180	79	19647	4.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.634	63	116659	52.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59396	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	70731	4.777	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	4346	0.356	ug/L	98
5) Vinyl chloride	1.599	62	32483	2.566	ug/L	95
12) 1,1-Dichloroethene	2.576	96	4157	0.488	ug/L #	1
13) Acetone	2.634	43	11787	6.785	ug/L	93
18) trans-1,2-Dichloroethene	3.351	96	7499	0.806	ug/L	96
19) 1,1-Dichloroethane	3.866	63	4056	0.208	ug/L	94
21) 2-Butanone	4.721	43	27086	10.176	ug/L	81
22) cis-1,2-Dichloroethene	4.663	96	536622	48.356	ug/L	94
34) Trichloroethene	6.541	95	276920	23.521	ug/L	97
47) Tetrachloroethene	8.553	164	1228	0.145	ug/L	85
51) Chlorobenzene	9.447	112	6144	0.200	ug/L	99

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

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