

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058162.D
 Acq On : 19 Mar 2024 18:01
 Operator : MD/SY
 Sample : P1796-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCFY8

Quant Time: Mar 20 05:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	119852	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.415	117	113949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	38480	4.462	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.914	69	35584	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.554	65	18632	4.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.766	46	62120	43.721	ug/L	0.15
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.440%
24) Chloroform-d	5.081	84	110469	6.773	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	135.400%#
26) 1,2-Dichloroethane-d4	5.721	65	36355	4.920	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.737	84	158882	4.785	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.698	67	49878	4.941	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.898	98	135082	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.184	79	13952	4.019	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.647	63	58708	50.370	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	25929	4.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	41527	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.596	62	6529	0.715	ug/L	91
12) 1,1-Dichloroethene	2.570	96	5237	0.724	ug/L #	1
16) Methylene chloride	3.039	84	3228	0.367	ug/L	92
18) trans-1,2-Dichloroethene	3.335	96	1996	0.253	ug/L	90
19) 1,1-Dichloroethane	3.859	63	4469	0.284	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	149117	17.209	ug/L	98
25) Chloroform	5.104	83	785506	48.967	ug/L	100
31) Carbon tetrachloride	5.531	117	1134995	96.307	ug/L	99
34) Trichloroethene	6.547	95	1108275	120.463	ug/L	98
45) 1,1,2-Trichloroethane	8.402	97	3265	0.611	ug/L	83
65) 1,4-Dichlorobenzene	11.833	146	2730	0.178	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	6190	0.452	ug/L	87
72) 1,2,3-Trichlorobenzene	14.325	180	11404	1.701	ug/L	98

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

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