

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057108.D
 Acq On : 20 Dec 2023 22:06
 Operator : MD/SY
 Sample : 05894-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3K5

Quant Time: Dec 21 05:00:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 01:34:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	187070	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188465	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53814	3.356	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.911	69	48035	4.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.563	65	24343	3.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.627	46	129957	41.039	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.080%
24) Chloroform-d	5.055	84	123928	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.695	65	63066	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.721	84	226585	3.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.685	67	69136	3.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.894	98	189574	3.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.177	79	26082	3.676	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.631	63	98730	36.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55195	4.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	71272	4.463	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	26214	1.370	ug/L	89
8) Chloroethane	1.930	64	80018	7.136	ug/L	96
12) 1,1-Dichloroethene	2.573	96	3511	0.231	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	603911	20.388	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	186433	11.129	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	385681	14.157	ug/L	98
34) Trichloroethene	6.537	95	136580	7.517	ug/L	98
47) Tetrachloroethene	8.550	164	4160	0.327	ug/L	87
51) Chlorobenzene	9.444	112	13038	0.298	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	7599	0.254	ug/L	93
67) 1,2-Dichlorobenzene	12.206	146	16407	0.593	ug/L	98

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

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