

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057109.D
 Acq On : 20 Dec 2023 22:31
 Operator : MD/SY
 Sample : 05894-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3K3

Quant Time: Dec 21 05:00:33 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	193955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54327	3.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.911	69	46340	3.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.560	65	24849	3.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.628	46	126660	38.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.160%
24) Chloroform-d	5.055	84	128576	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.695	65	63244	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.721	84	228265	3.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.685	67	70304	3.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.894	98	191503	3.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.177	79	26661	3.545	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.631	63	99429	35.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55203	3.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	72023	4.064	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	74897	3.774	ug/L	99
8) Chloroethane	1.930	64	174940	15.048	ug/L	97
12) 1,1-Dichloroethene	2.573	96	7273	0.462	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	840741	27.376	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	460556	26.516	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	773344	26.783	ug/L	98
34) Trichloroethene	6.534	95	332455	17.264	ug/L	99
47) Tetrachloroethene	8.547	164	7480	0.555	ug/L	96
51) Chlorobenzene	9.444	112	15672	0.339	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	11405	0.344	ug/L	85
67) 1,2-Dichlorobenzene	12.206	146	25956	0.846	ug/L	98

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

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