

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057182.D
 Acq On : 22 Dec 2023 10:56
 Operator : MD/SY
 Sample : 05912-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N1

Quant Time: Dec 22 12:39:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72016	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74409	5.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.914	69	61496	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.563	65	29940	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.631	46	128330	55.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.280%
24) Chloroform-d	5.055	84	137186	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	70653	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.721	84	258452	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.682	67	75479	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.894	98	220274	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	28126	4.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.627	63	110597	50.874	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53881	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	80669	5.206	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	156254	11.526	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	2129	0.188	ug/L	88
19) 1,1-Dichloroethane	3.862	63	167475	7.464	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	195914	15.735	ug/L	95
29) 1,1,1-Trichloroethane	5.316	97	28544	1.143	ug/L	99
33) Benzene	5.769	78	50840	1.021	ug/L	100
34) Trichloroethene	6.541	95	5423	0.372	ug/L	87
51) Chlorobenzene	9.441	112	1801864	52.437	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	10838	0.432	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	79804	3.159	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	38030	1.694	ug/L	96

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

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