

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055271.D
 Acq On : 13 Sep 2023 04:39
 Operator : MD/SY
 Sample : 04350-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N3

Quant Time: Sep 13 05:37:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 05:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	170418	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	184414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	79660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27146	3.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.907	69	42563	4.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.563	65	15127	3.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.624	46	134409	57.989	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.980%
24) Chloroform-d	5.058	84	99874	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.702	65	52900	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.724	84	181203	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.689	67	64130	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.898	98	159818	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.177	79	14558	3.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.631	63	75265	46.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	46527	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	53943	4.639	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1581	0.160	ug/L	96
3) Chloromethane	1.515	50	2110	0.209	ug/L	91
5) Vinyl chloride	1.602	62	54977	5.169	ug/L	96
12) 1,1-Dichloroethene	2.576	96	190278	24.151	ug/L #	75
17) Methyl tert-butyl Ether	3.361	73	26967	1.305	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	7270	0.909	ug/L	88
19) 1,1-Dichloroethane	3.866	63	71579	4.144	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	4800816	490.632	ug/L	92
25) Chloroform	5.087	83	43783	2.433	ug/L	96
27) 1,2-Dichloroethane	5.795	62	27992	2.549	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	4626	0.290	ug/L #	80
34) Trichloroethene	6.537	95	2811363	257.735	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	1086	0.151	ug/L #	83
47) Tetrachloroethene	8.550	164	23751	3.150	ug/L	95
51) Chlorobenzene	9.447	112	5204	0.188	ug/L	98

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

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