

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055101.D
 Acq On : 05 Sep 2023 18:02
 Operator : MD/SY
 Sample : 04250-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C1

Quant Time: Sep 06 02:19:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171867	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	176100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	90079	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37235	4.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.907	69	44797	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.560	65	22449	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.624	46	135218	57.847	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.700%
24) Chloroform-d	5.062	84	109015	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.701	65	56323	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.724	84	218301	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.689	67	72348	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.897	98	190251	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.180	79	17610	4.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.634	63	84072	54.390	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.780%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51974	5.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	67921	5.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
3) Chloromethane	1.515	50	2134	0.210	ug/L	85
9) Trichlorofluoromethane	2.132	101	8901	0.571	ug/L	85
12) 1,1-Dichloroethene	2.573	96	67363	8.478	ug/L	88
17) Methyl tert-butyl Ether	3.364	73	7652	0.367	ug/L #	89
19) 1,1-Dichloroethane	3.869	63	5746	0.330	ug/L #	91
22) cis-1,2-Dichloroethene	4.666	96	9681	0.981	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	5602	0.368	ug/L	98
34) Trichloroethene	6.541	95	59123	5.676	ug/L	98
47) Tetrachloroethene	8.553	164	4073	0.566	ug/L	95

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

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