

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055211.D
 Acq On : 08 Sep 2023 01:44
 Operator : MD/SY
 Sample : 04307-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H5

Quant Time: Sep 08 06:38:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	179897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	88121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25951	3.220	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.911	69	36250	3.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.800%	
11) 1,1-Dichloroethene-d2	2.563	65	17309	3.770	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.631	46	135699	58.026	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.060%	
24) Chloroform-d	5.062	84	100064	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.701	65	52709	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.727	84	190384	4.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.688	67	65438	4.633	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.897	98	161165	3.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.180	79	14244	3.662	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.200%	
46) 2-Hexanone-d5	8.634	63	70232	44.477	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.960%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50716	5.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	60583	4.710	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	7803	0.767	ug/L	92
5) Vinyl chloride	1.602	62	3235	0.301	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	7570	0.363	ug/L #	93
18) trans-1,2-Dichloroethene	3.354	96	6068	0.752	ug/L	92
19) 1,1-Dichloroethane	3.869	63	7695	0.441	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	287558	29.127	ug/L	96
25) Chloroform	5.087	83	9712	0.535	ug/L	99
34) Trichloroethene	6.541	95	138103	12.979	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	1053	0.150	ug/L	91
47) Tetrachloroethene	8.553	164	37946	5.160	ug/L	95
64) 1,3-Dichlorobenzene	11.749	146	1963	0.100	ug/L	93
65) 1,4-Dichlorobenzene	11.836	146	3950	0.201	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	43844	3.137	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	13847	1.141	ug/L	98

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

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