

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055422.D
 Acq On : 20 Sep 2023 13:56
 Operator : MD/SY
 Sample : 04398-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4Q1

Quant Time: Sep 21 00:29:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	113286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	112160	4.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	98078	4.624	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	46528	4.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.628	46	236736	54.453	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.900%
24) Chloroform-d	5.058	84	219574	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.698	65	114657	5.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.724	84	440177	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.689	67	134302	5.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.894	98	386304	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.177	79	46575	5.202	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.631	63	124439	45.694	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.380%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96588	5.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	126772	5.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	178523	8.113	ug/L	99
12) 1,1-Dichloroethene	2.576	96	85407	5.129	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	24858	0.688	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	9801	0.584	ug/L	94
19) 1,1-Dichloroethane	3.865	63	42344	1.364	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	1234532	63.446	ug/L	99
25) Chloroform	5.084	83	16505	0.502	ug/L	91
27) 1,2-Dichloroethane	5.791	62	9725	0.483	ug/L #	94
31) Carbon tetrachloride	5.521	117	7647	0.321	ug/L	96
34) Trichloroethene	6.537	95	1270582	63.930	ug/L	97
47) Tetrachloroethene	8.550	164	14127	0.991	ug/L	93
51) Chlorobenzene	9.447	112	6762	0.141	ug/L	91

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

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