

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055069.D
 Acq On : 02 Sep 2023 03:09
 Operator : MD/SY
 Sample : 04250-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4A5

Quant Time: Sep 02 04:12:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	193768	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	99130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41745	4.597	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.911	69	48965	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.563	65	24832	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.628	46	142870	54.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.059	84	118153	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.698	65	61357	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.724	84	239765	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.689	67	78460	5.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.894	98	214408	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.181	79	18698	4.472	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.634	63	78855	46.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.900%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52439	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	72884	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3625	0.316	ug/L	96
5) Vinyl chloride	1.602	62	10880	0.900	ug/L	96
9) Trichlorofluoromethane	2.136	101	9279	0.528	ug/L	96
12) 1,1-Dichloroethene	2.576	96	10742	1.199	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	15672	0.667	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	7053	0.776	ug/L	86
19) 1,1-Dichloroethane	3.866	63	11587	0.590	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	806483	72.489	ug/L	96
25) Chloroform	5.091	83	9382	0.459	ug/L	97
33) Benzene	5.776	78	5521	0.134	ug/L	100
34) Trichloroethene	6.538	95	1059575	92.622	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	853	0.113	ug/L #	78
47) Tetrachloroethene	8.550	164	28308	3.580	ug/L	97
51) Chlorobenzene	9.444	112	7384	0.254	ug/L	95
64) 1,3-Dichlorobenzene	11.746	146	3969	0.179	ug/L	90
65) 1,4-Dichlorobenzene	11.836	146	4721	0.213	ug/L	87
70) 1,2,4-trichlorobenzene	13.843	180	11840	0.753	ug/L	96
72) 1,2,3-Trichlorobenzene	14.331	180	6080	0.445	ug/L	96

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

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