

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054999.D
 Acq On : 30 Aug 2023 15:14
 Operator : MD/SY
 Sample : 04230-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH490

Quant Time: Aug 31 02:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	170343	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	166047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18012	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.908	69	26796	3.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.563	65	11590	3.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.628	46	169694	58.473	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.940%
24) Chloroform-d	5.059	84	86216	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.702	65	50961	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.724	84	153328	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.689	67	57838	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.898	98	134888	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.181	79	17142	3.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.631	63	113937	55.566	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58246	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	61305	4.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	4606	0.599	ug/L #	2
17) Methyl tert-butyl Ether	3.367	73	13441	0.600	ug/L #	65
18) trans-1,2-Dichloroethene	3.351	96	4782	0.569	ug/L	99
19) 1,1-Dichloroethane	3.872	63	5683	0.322	ug/L #	90
22) cis-1,2-Dichloroethene	4.663	96	971327	96.928	ug/L	95
25) Chloroform	5.081	83	8800	0.455	ug/L	85
34) Trichloroethene	6.538	95	489374	45.080	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	1131	0.153	ug/L #	59
47) Tetrachloroethene	8.550	164	13587	1.742	ug/L	96
51) Chlorobenzene	9.447	112	3897	0.138	ug/L	93

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

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