

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055001.D
 Acq On : 30 Aug 2023 16:04
 Operator : MD/SY
 Sample : 04230-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH492

Quant Time: Aug 31 02:37:50 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	176676	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18376	3.295	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.000%	
7) Chloroethane-d5	1.907	69	25954	3.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.000%	
11) 1,1-Dichloroethene-d2	2.560	65	11251	3.570	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	4.628	46	165422	54.958	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.920%	
24) Chloroform-d	5.062	84	85130	4.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
26) 1,2-Dichloroethane-d4	5.702	65	48783	4.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.724	84	146244	3.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.400%	
36) 1,2-Dichloropropane-d6	6.692	67	55067	4.147	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.898	98	131489	3.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...	8.181	79	16834	3.852	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.000%	
46) 2-Hexanone-d5	8.634	63	111259	53.644	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.280%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	53570	4.705	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	59526	4.271	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	4788	0.600	ug/L	# 1
17) Methyl tert-butyl Ether	3.364	73	20004	0.862	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	6464	0.741	ug/L	88
19) 1,1-Dichloroethane	3.859	63	6917	0.378	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	733300	70.552	ug/L	97
25) Chloroform	5.084	83	14497	0.723	ug/L	100
31) Carbon tetrachloride	5.521	117	3482	0.245	ug/L	94
34) Trichloroethene	6.541	95	2120856	193.148	ug/L	98
45) 1,1,2-Trichloroethane	8.406	97	2687	0.360	ug/L	92
47) Tetrachloroethene	8.550	164	15078	1.911	ug/L	97

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

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