

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056909.D
 Acq On : 16 Dec 2023 03:42
 Operator : MD/SY
 Sample : 05809-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C87

Quant Time: Dec 16 05:13:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	201133	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	210630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	74370	4.314	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.911	69	66946	5.189	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.563	65	34385	4.661	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	4.631	46	198449	58.286	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.580%	
24) Chloroform-d	5.055	84	169977	5.206	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.695	65	84783	5.488	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.800%	
32) Benzene-d6	5.721	84	311952	4.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.685	67	104386	5.105	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.894	98	247896	4.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	8.177	79	35294	4.451	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.631	63	145754	48.733	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.460%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77961	5.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	90415	5.185	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	18566	1.137	ug/L	28
17) Methyl tert-butyl Ether	3.354	73	81280	2.245	ug/L	98
19) 1,1-Dichloroethane	3.862	63	70233	2.205	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	2864	0.159	ug/L	87
34) Trichloroethene	6.537	95	13203	0.650	ug/L	91
47) Tetrachloroethene	8.547	164	9147	0.644	ug/L	96

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

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