

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055540.D
 Acq On : 27 Sep 2023 01:31
 Operator : MD/SY
 Sample : 04530-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHX8

Quant Time: Sep 27 06:37:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	193568	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	201969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	104395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79790	4.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.904	69	51964	3.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.200%#
11) 1,1-Dichloroethene-d2	2.563	65	33771	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.621	46	217914	61.668	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.340%
24) Chloroform-d	5.058	84	148555	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.698	65	80107	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.724	84	306473	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.685	67	95258	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.894	98	263908	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	34609	4.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.631	63	132436	58.780	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91090	5.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	101199	4.803	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	337566	18.873	ug/L	95
14) Carbon disulfide	2.792	76	8930	0.220	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	3112	0.228	ug/L	86
22) cis-1,2-Dichloroethene	4.663	96	198229	12.534	ug/L	97
33) Benzene	5.772	78	58856	1.012	ug/L	100
35) Methylcyclohexane	6.759	83	11282	0.476	ug/L	95
47) Tetrachloroethene	8.547	164	1978	0.168	ug/L	94
62) 1,3,5-Trimethylbenzene	11.087	105	9666	0.201	ug/L	94
63) 1,2,4-Trimethylbenzene	11.470	105	10198	0.217	ug/L	98

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

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