

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056856.D
 Acq On : 14 Dec 2023 23:49
 Operator : MD/SY
 Sample : 05731-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y55

Quant Time: Dec 15 05:10:08 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	221376	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	57938	3.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.907	69	54049	3.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.563	65	25399	3.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	4.618	46	205266	54.775	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.560%
24) Chloroform-d	5.058	84	152440	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.698	65	76597	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.724	84	264822	3.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.685	67	92220	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	205910	3.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.800%#
43) trans-1,3-Dichloroprop...	8.177	79	29972	3.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.631	63	148260	46.233	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77934	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	82323	4.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	6998	0.307	ug/L	96
5) Vinyl chloride	1.602	62	6213	0.274	ug/L #	33
22) cis-1,2-Dichloroethene	4.660	96	18766	0.947	ug/L	95
33) Benzene	5.772	78	12402	0.156	ug/L	100
34) Trichloroethene	6.537	95	37094	1.704	ug/L	100
38) Bromodichloromethane	7.107	83	2514	0.097	ug/L #	81
42) Toluene	7.965	91	43234	0.526	ug/L	93
47) Tetrachloroethene	8.550	164	6877	0.451	ug/L	91

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

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