

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056859.D
 Acq On : 15 Dec 2023 01:02
 Operator : MD/SY
 Sample : 05731-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOY58

Quant Time: Dec 15 05:11:02 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	222445	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	224757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59752	3.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.911	69	56148	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.563	65	27071	3.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.628	46	208867	55.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.940%
24) Chloroform-d	5.055	84	156595	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	78188	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.721	84	272135	3.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.682	67	92994	4.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.894	98	211507	3.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	8.177	79	30675	3.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.631	63	147932	46.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	76164	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	81535	4.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5356	0.234	ug/L	99
5) Vinyl chloride	1.602	62	21058	0.925	ug/L #	82
18) trans-1,2-Dichloroethene	3.361	96	2580	0.141	ug/L #	66
22) cis-1,2-Dichloroethene	4.660	96	102695	5.155	ug/L	99
33) Benzene	5.769	78	66153	0.837	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	28802	3.002	ug/L	94
42) Toluene	7.965	91	43325	0.530	ug/L	100
51) Chlorobenzene	9.441	112	150342	2.886	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	7715	0.227	ug/L	87
67) 1,2-Dichlorobenzene	12.213	146	5119	0.163	ug/L	96

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

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