Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062788.D
Acq On : 16 Jan 2025 00:49
Operator : MD/SY
Sample : Q1071-16
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ80

Quant Time: Jan 16 02:09:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92563	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15964	3.114	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.200%			
7) Chloroethane-d5	1.904	69	16066	3.896	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.000%			
11) 1,1-Dichloroethene-d2	2.557	65	9517	3.584	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.600%			
20) 2-Butanone-d5	4.605	46	66873	63.825	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.640%			
24) Chloroform-d	5.049	84	60363	4.786	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.689	65	35494	5.188	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.800%			
32) Benzene-d6	5.714	84	94570	4.365	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
36) 1,2-Dichloropropane-d6	6.679	67	29329	4.882	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.888	98	87086	4.125	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
43) trans-1,3-Dichloroprop...	8.171	79	14309	4.778	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.600%			
46) 2-Hexanone-d5	8.621	63	51986	55.198	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.400%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27837	5.533	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	35866	5.211	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	6758	1.014	ug/L #	71
12) 1,1-Dichloroethene	2.570	96	319802	55.656	ug/L #	73
18) trans-1,2-Dichloroethene	3.342	96	31669	5.144	ug/L	95
19) 1,1-Dichloroethane	3.853	63	916963	83.308	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	1140355	170.100	ug/L	97
27) 1,2-Dichloroethane	5.785	62	11223	1.267	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	19506	1.451	ug/L	96
34) Trichloroethene	6.528	95	169035	19.430	ug/L	94
45) 1,1,2-Trichloroethane	8.396	97	2789	0.572	ug/L	86
47) Tetrachloroethene	8.544	164	3380	0.564	ug/L	85

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

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