Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
Data File : VU059346.D
Acq On : 19 Jun 2024 12:20
Operator : MD/SY
Sample : P2898-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E1G85

Quant Time: Jun 20 05:59:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 17 12:07:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	99016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	101307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	45691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30824	4.477	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.908	69	31911	4.817	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.400%			
11) 1,1-Dichloroethene-d2	2.560	65	12756	4.466	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.400%			
20) 2-Butanone-d5	4.615	46	124326	87.663	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 175.320%#			
24) Chloroform-d	5.055	84	68517	4.848	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.695	65	39666	5.827	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.600%			
32) Benzene-d6	5.721	84	132136	4.739	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.685	67	43901	5.139	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.800%			
41) Toluene-d8	7.894	98	106490	4.108	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	8.177	79	13519	5.053	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.000%			
46) 2-Hexanone-d5	8.628	63	84522	76.038	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 152.080%#			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47073	6.669	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 133.400%#			
66) 1,2-Dichlorobenzene-d4	12.190	152	42035	5.169	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	45650	4.576	ug/L	96
12) 1,1-Dichloroethene	2.573	96	4763	0.678	ug/L #	1
13) Acetone	2.618	43	44710	48.599	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	12811	1.754	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	964911	119.864	ug/L	96
33) Benzene	5.776	78	11022	0.358	ug/L	100
34) Trichloroethene	6.538	95	297322	35.686	ug/L	98
35) Methylcyclohexane	6.756	83	2393	0.202	ug/L	96
42) Toluene	7.968	91	21170	0.650	ug/L	100
52) Ethylbenzene	9.573	91	6385	0.191	ug/L	95
53) m,p-Xylene	9.695	106	1287	0.100	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	2027	0.095	ug/L	93

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

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