Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
Data File : BN036427.D
Acq On : 11 Feb 2025 17:16
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-WATER 0.1 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 11 17:40:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	1952	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	4660	0.400	ng	0.01
13) Acenaphthene-d10	14.388	164	3089	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	6857	0.400	ng	# 0.00
29) Chrysene-d12	21.322	240	6103	0.400	ng	0.00
35) Perylene-d12	23.595	264	6227	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1670	0.362	ng	0.00
5) Phenol-d6	6.930	99	1804	0.333	ng	0.00
8) Nitrobenzene-d5	8.918	82	1402	0.305	ng	0.01
11) 2-Methylnaphthalene-d10	12.146	152	3799	0.530	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	483	0.315	ng	0.01
15) 2-Fluorobiphenyl	13.030	172	3548	0.305	ng	0.01
27) Fluoranthene-d10	19.169	212	10317	0.541	ng	0.00
31) Terphenyl-d14	19.768	244	4833	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	296	0.139	ng	# 83
3) n-Nitrosodimethylamine	3.586	42	395	0.107	ng	# 90
6) bis(2-Chloroethyl)ether	7.183	93	557	0.098	ng	96
9) Naphthalene	10.605	128	1291	0.096	ng	# 81
10) Hexachlorobutadiene	10.883	225	345	0.105	ng	# 99
12) 2-Methylnaphthalene	12.217	142	823	0.093	ng	# 95
16) Acenaphthylene	14.110	152	1359	0.100	ng	100
17) Acenaphthene	14.452	154	913	0.100	ng	98
18) Fluorene	15.446	166	1233	0.095	ng	100
20) 4,6-Dinitro-2-methylph...	15.560	198	96	0.071	ng	# 1
21) 4-Bromophenyl-phenylether	16.342	248	411	0.101	ng	89
22) Hexachlorobenzene	16.454	284	528	0.105	ng	98
23) Atrazine	16.615	200	351	0.103	ng	# 83
24) Pentachlorophenol	16.813	266	116	0.048	ng	91
25) Phenanthrene	17.186	178	2003	0.101	ng	98
26) Anthracene	17.273	178	1776	0.102	ng	98
28) Fluoranthene	19.201	202	2616	0.107	ng	100
30) Pyrene	19.564	202	2590	0.110	ng	100
32) Benzo(a)anthracene	21.313	228	2122	0.106	ng	93
33) Chrysene	21.358	228	2528	0.116	ng	97
34) Bis(2-ethylhexyl)phtha...	21.241	149	1536	0.123	ng	100
36) Indeno(1,2,3-cd)pyrene	25.899	276	2483	0.114	ng	96
37) Benzo(b)fluoranthene	22.911	252	2343	0.114	ng	# 51
38) Benzo(k)fluoranthene	22.955	252	2425	0.115	ng	# 67
39) Benzo(a)pyrene	23.499	252	2160	0.121	ng	# 39
40) Dibenzo(a,h)anthracene	25.920	278	1920	0.112	ng	# 71
41) Benzo(g,h,i)perylene	26.601	276	2227	0.114	ng	# 89

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

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