Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
Data File : BN037462.D
Acq On : 10 Jul 2025 17:31
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-WATER -0.2ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 17 04:11:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:48:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1736	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	2011	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3613	0.400	ng	-0.01
29) Chrysene-d12	21.286	240	2692	0.400	ng	# 0.00
35) Perylene-d12	23.528	264	2768	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1246	0.267	ng	0.00
5) Phenol-d6	6.894	99	1551	0.270	ng	0.00
8) Nitrobenzene-d5	8.875	82	1004	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2149	0.364	ng	-0.01
14) 2,4,6-Tribromophenol	15.845	330	194	0.236	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	3644	0.329	ng	-0.01
27) Fluoranthene-d10	19.132	212	3553	0.383	ng	0.00
31) Terphenyl-d14	19.740	244	2076	0.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	330	0.196	ng	# 88
3) n-Nitrosodimethylamine	3.564	42	385	0.194	ng	# 88
6) bis(2-Chloroethyl)ether	7.154	93	819	0.178	ng	91
9) Naphthalene	10.562	128	2008	0.177	ng	95
10) Hexachlorobutadiene	10.861	225	502	0.217	ng	# 98
12) 2-Methylnaphthalene	12.182	142	1135	0.155	ng	99
16) Acenaphthylene	14.077	152	1813	0.192	ng	100
17) Acenaphthene	14.420	154	1065	0.175	ng	96
18) Fluorene	15.414	166	1366	0.179	ng	93
20) 4,6-Dinitro-2-methylph...	15.478	198	66	0.230	ng	# 78
21) 4-Bromophenyl-phenylether	16.304	248	398	0.169	ng	# 85
22) Hexachlorobenzene	16.416	284	558	0.196	ng	91
23) Atrazine	16.565	200	194	0.155	ng	# 84
24) Pentachlorophenol	16.751	266	161	0.131	ng	91
25) Phenanthrene	17.136	178	1959	0.180	ng	99
26) Anthracene	17.235	178	1812	0.177	ng	99
28) Fluoranthene	19.164	202	2073	0.170	ng	98
30) Pyrene	19.522	202	1994	0.180	ng	99
32) Benzo(a)anthracene	21.268	228	1662	0.174	ng	96
33) Chrysene	21.322	228	1809	0.185	ng	97
34) Bis(2-ethylhexyl)phtha...	21.232	149	504	0.237	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.803	276	1764	0.170	ng	# 77
37) Benzo(b)fluoranthene	22.856	252	1626	0.161	ng	# 88
38) Benzo(k)fluoranthene	22.902	252	1785	0.176	ng	# 82
39) Benzo(a)pyrene	23.429	252	1412	0.168	ng	# 85
40) Dibenzo(a,h)anthracene	25.826	278	1409	0.169	ng	# 85
41) Benzo(g,h,i)perylene	26.490	276	1494	0.167	ng	# 92

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

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