Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037477.D
Acq On : 11 Jul 2025 17:16
Operator : RC/JU
Sample : Q2126-09
Misc : MDL-WATER-0.2 PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Quant Time: Jul 17 04:46:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	2092	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5002	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2349	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	4238	0.400	ng		0.00
29) Chrysene-d12	21.286	240	3209	0.400	ng		0.00
35) Perylene-d12	23.528	264	3393	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1444	0.297	ng		0.00
5) Phenol-d6	6.887	99	1787	0.292	ng		0.00
8) Nitrobenzene-d5	8.864	82	1233	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2563	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	219	0.275	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	4758	0.355	ng		0.00
27) Fluoranthene-d10	19.132	212	4176	0.391	ng		0.00
31) Terphenyl-d14	19.740	244	2470	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	387	0.197	ng		98
3) n-Nitrosodimethylamine	3.564	42	474	0.180	ng	#	96
6) bis(2-Chloroethyl)ether	7.154	93	960	0.187	ng		99
9) Naphthalene	10.562	128	2380	0.177	ng		97
10) Hexachlorobutadiene	10.861	225	616	0.191	ng	#	100
12) 2-Methylnaphthalene	12.177	142	1348	0.160	ng		96
16) Acenaphthylene	14.077	152	2087	0.195	ng		99
17) Acenaphthene	14.420	154	1264	0.176	ng		98
18) Fluorene	15.414	166	1541	0.171	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	78	0.164	ng	#	78
21) 4-Bromophenyl-phenylether	16.304	248	465	0.176	ng		96
22) Hexachlorobenzene	16.416	284	685	0.188	ng		98
23) Atrazine	16.565	200	240	0.182	ng		92
24) Pentachlorophenol	16.751	266	177	0.141	ng		99
25) Phenanthrene	17.136	178	2312	0.179	ng		98
26) Anthracene	17.235	178	2110	0.181	ng		99
28) Fluoranthene	19.164	202	2445	0.173	ng		99
30) Pyrene	19.527	202	2323	0.180	ng		100
32) Benzo(a)anthracene	21.268	228	1979	0.182	ng		99
33) Chrysene	21.322	228	2161	0.182	ng		98
34) Bis(2-ethylhexyl)phtha...	21.223	149	697	0.189	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.803	276	2300	0.175	ng		95
37) Benzo(b)fluoranthene	22.858	252	1935	0.147	ng	#	91
38) Benzo(k)fluoranthene	22.902	252	2253m	0.168	ng		
39) Benzo(a)pyrene	23.431	252	1797	0.169	ng	#	93
40) Dibenzo(a,h)anthracene	25.823	278	1878	0.177	ng	#	89
41) Benzo(g,h,i)perylene	26.493	276	1877	0.161	ng		94

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

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