Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
Data File : BN037461.D
Acq On : 10 Jul 2025 16:55
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-WATER -0.1ng
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 17 04:10:19 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	1840	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	4410	0.400	ng		# 0.00
13) Acenaphthene-d10	14.366	164	2103	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	3769	0.400	ng		#-0.01
29) Chrysene-d12	21.286	240	2806	0.400	ng		# 0.00
35) Perylene-d12	23.525	264	3002	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1167	0.236	ng		0.00
5) Phenol-d6	6.894	99	1427	0.234	ng		0.00
8) Nitrobenzene-d5	8.875	82	940	0.317	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2090	0.339	ng		-0.01
14) 2,4,6-Tribromophenol	15.845	330	184	0.214	ng		-0.01
15) 2-Fluorobiphenyl	12.988	172	3723	0.321	ng		-0.01
27) Fluoranthene-d10	19.132	212	3380	0.349	ng		0.00
31) Terphenyl-d14	19.740	244	1976	0.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	154	0.086	ng		96
3) n-Nitrosodimethylamine	3.564	42	178	0.085	ng	#	74
6) bis(2-Chloroethyl)ether	7.154	93	408	0.084	ng		92
9) Naphthalene	10.562	128	1018	0.086	ng	#	86
10) Hexachlorobutadiene	10.872	225	247	0.102	ng	#	100
12) 2-Methylnaphthalene	12.182	142	574	0.075	ng		98
16) Acenaphthylene	14.078	152	886	0.090	ng		99
17) Acenaphthene	14.420	154	543	0.085	ng		95
18) Fluorene	15.414	166	668	0.084	ng		97
20) 4,6-Dinitro-2-methylph...	15.478	198	31	0.104	ng	#	88
21) 4-Bromophenyl-phenylether	16.304	248	206	0.084	ng	#	81
22) Hexachlorobenzene	16.416	284	288	0.097	ng	#	91
23) Atrazine	16.565	200	89	0.068	ng	#	69
24) Pentachlorophenol	16.751	266	79	0.062	ng		96
25) Phenanthrene	17.136	178	987	0.087	ng		98
26) Anthracene	17.235	178	886	0.083	ng		98
28) Fluoranthene	19.164	202	1019	0.080	ng		98
30) Pyrene	19.527	202	986	0.086	ng		99
32) Benzo(a)anthracene	21.268	228	819	0.082	ng	#	92
33) Chrysene	21.322	228	882	0.087	ng	#	94
34) Bis(2-ethylhexyl)phtha...	21.232	149	275	0.124	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.797	276	857	0.076	ng	#	84
37) Benzo(b)fluoranthene	22.853	252	793	0.073	ng	#	73
38) Benzo(k)fluoranthene	22.899	252	870	0.079	ng	#	61
39) Benzo(a)pyrene	23.429	252	689	0.076	ng	#	65
40) Dibenzo(a,h)anthracene	25.814	278	719	0.080	ng	#	65
41) Benzo(g,h,i)perylene	26.493	276	742	0.076	ng	#	80

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

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