Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037702.D
Acq On : 11 Sep 2025 16:34
Operator : RC/JU
Sample : Q2893-09
Misc : MDL-WATER 0.1ng
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2025

Quant Time: Sep 11 17:03:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4178	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	11003	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	4984	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	9211	0.400	ng		0.00
29) Chrysene-d12	21.420	240	7580	0.400	ng		0.00
35) Perylene-d12	23.750	264	7919	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2953	0.308	ng		0.00
5) Phenol-d6	6.988	99	3802	0.306	ng		0.00
8) Nitrobenzene-d5	8.993	82	2938	0.365	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	5961	0.409	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	400	0.308	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	7796	0.374	ng		0.00
27) Fluoranthene-d10	19.271	212	9855	0.426	ng		0.00
31) Terphenyl-d14	19.870	244	6148	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	538	0.124	ng		90
3) n-Nitrosodimethylamine	3.615	42	569	0.100	ng	#	91
6) bis(2-Chloroethyl)ether	7.255	93	1175	0.106	ng		97
9) Naphthalene	10.690	128	3058	0.102	ng	#	93
10) Hexachlorobutadiene	11.000	225	586	0.108	ng	#	98
12) 2-Methylnaphthalene	12.314	142	1704	0.092	ng		97
16) Acenaphthylene	14.206	152	2561	0.112	ng		100
17) Acenaphthene	14.559	154	1575	0.102	ng		97
18) Fluorene	15.535	166	1862	0.099	ng		99
20) 4,6-Dinitro-2-methylph...	15.609	198	76	0.089	ng	#	1
21) 4-Bromophenyl-phenylether	16.441	248	601	0.100	ng		96
22) Hexachlorobenzene	16.553	284	720	0.104	ng		96
23) Atrazine	16.702	200	372	0.097	ng	#	88
24) Pentachlorophenol	16.888	266	194	0.097	ng	#	81
25) Phenanthrene	17.285	178	3016	0.104	ng		99
26) Anthracene	17.372	178	2662	0.104	ng		98
28) Fluoranthene	19.299	202	3198	0.101	ng		99
30) Pyrene	19.661	202	3113	0.105	ng		100
32) Benzo(a)anthracene	21.402	228	2770	0.105	ng		96
33) Chrysene	21.456	228	2964	0.105	ng		97
34) Bis(2-ethylhexyl)phtha...	21.349	149	940	0.120	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.142	276	3330	0.100	ng		95
37) Benzo(b)fluoranthene	23.046	252	2945	0.094	ng	#	77
38) Benzo(k)fluoranthene	23.092	252	3213	0.101	ng	#	68
39) Benzo(a)pyrene	23.648	252	2504	0.100	ng	#	73
40) Dibenzo(a,h)anthracene	26.162	278	2596	0.098	ng	#	72
41) Benzo(g,h,i)perylene	26.867	276	2871	0.096	ng	#	89

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

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