Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037772.D
Acq On : 18 Sep 2025 11:48
Operator : RC/JU
Sample : Q3097-02MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Quant Time: Sep 18 12:16:23 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	7.833	152	7218	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	19437	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	8792	0.400	ng		-0.01
19) Phenanthrene-d10	17.236	188	14560	0.400	ng	#	0.00
29) Chrysene-d12	21.411	240	11077	0.400	ng	#	0.00
35) Perylene-d12	23.744	264	10712	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2158	0.130	ng		0.00
5) Phenol-d6	6.988	99	1612	0.075	ng		0.00
8) Nitrobenzene-d5	8.982	82	4623	0.325	ng		-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7201	0.280	ng		-0.01
14) 2,4,6-Tribromophenol	15.982	330	880	0.384	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	11146	0.303	ng		0.00
27) Fluoranthene-d10	19.262	212	12673	0.347	ng		0.00
31) Terphenyl-d14	19.861	244	9630	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	5443	0.724	ng		95
3) n-Nitrosodimethylamine	3.608	42	1281	0.130	ng		87
6) bis(2-Chloroethyl)ether	7.248	93	6334	0.330	ng		99
9) Naphthalene	10.690	128	17098	0.322	ng		99
10) Hexachlorobutadiene	10.989	225	2914	0.303	ng	#	100
12) 2-Methylnaphthalene	12.304	142	9253	0.282	ng		100
16) Acenaphthylene	14.206	152	13679	0.339	ng		100
17) Acenaphthene	14.548	154	8588	0.315	ng		99
18) Fluorene	15.535	166	10257	0.311	ng		98
20) 4,6-Dinitro-2-methylph...	15.597	198	483	0.358	ng	#	72
21) 4-Bromophenyl-phenylether	16.429	248	3439	0.362	ng	#	89
22) Hexachlorobenzene	16.540	284	4153	0.380	ng		97
23) Atrazine	16.689	200	2516	0.417	ng	#	91
24) Pentachlorophenol	16.888	266	2259	0.712	ng		97
25) Phenanthrene	17.273	178	17041	0.372	ng		100
26) Anthracene	17.360	178	14357	0.354	ng		100
28) Fluoranthene	19.294	202	18098	0.360	ng		99
30) Pyrene	19.657	202	18207	0.420	ng		100
32) Benzo(a)anthracene	21.393	228	16075	0.416	ng		100
33) Chrysene	21.447	228	17366	0.419	ng		99
34) Bis(2-ethylhexyl)phtha...	21.340	149	5730	0.500	ng		98
36) Indeno(1,2,3-cd)pyrene	26.127	276	20796	0.462	ng		99
37) Benzo(b)fluoranthene	23.037	252	18047	0.428	ng		97
38) Benzo(k)fluoranthene	23.084	252	17770	0.413	ng		97
39) Benzo(a)pyrene	23.642	252	14195	0.420	ng		97
40) Dibenzo(a,h)anthracene	26.148	278	16460	0.458	ng		98
41) Benzo(g,h,i)perylene	26.855	276	17542	0.435	ng		98

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

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