Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037795.D
Acq On : 19 Sep 2025 02:47
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 19 04:13:46 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	7724	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	19361	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	8621	0.400	ng		-0.01
19) Phenanthrene-d10	17.235	188	14380	0.400	ng		# 0.00
29) Chrysene-d12	21.411	240	11169	0.400	ng		0.00
35) Perylene-d12	23.742	264	11840	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	6414	0.362	ng		0.00
5) Phenol-d6	6.981	99	8898	0.387	ng		0.00
8) Nitrobenzene-d5	8.982	82	5961	0.421	ng		-0.01
11) 2-Methylnaphthalene-d10	12.228	152	9493	0.370	ng		-0.02
14) 2,4,6-Tribromophenol	15.969	330	1034	0.460	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	14625	0.406	ng		-0.01
27) Fluoranthene-d10	19.262	212	12337	0.342	ng		0.00
31) Terphenyl-d14	19.861	244	8607	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	3022	0.376	ng		95
3) n-Nitrosodimethylamine	3.601	42	3835	0.365	ng	#	90
6) bis(2-Chloroethyl)ether	7.248	93	8278	0.403	ng		99
9) Naphthalene	10.680	128	20623	0.390	ng		100
10) Hexachlorobutadiene	10.989	225	3796	0.396	ng	#	99
12) 2-Methylnaphthalene	12.304	142	12533	0.383	ng		99
16) Acenaphthylene	14.206	152	14987	0.379	ng		100
17) Acenaphthene	14.548	154	10387	0.389	ng		97
18) Fluorene	15.535	166	11958	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.597	198	430	0.323	ng	#	74
21) 4-Bromophenyl-phenylether	16.429	248	3726	0.397	ng	#	96
22) Hexachlorobenzene	16.540	284	4695	0.435	ng		98
23) Atrazine	16.689	200	2195	0.368	ng	#	95
24) Pentachlorophenol	16.888	266	1416	0.452	ng		96
25) Phenanthrene	17.273	178	17514	0.387	ng		99
26) Anthracene	17.360	178	14982	0.374	ng		100
28) Fluoranthene	19.290	202	17532	0.353	ng		100
30) Pyrene	19.652	202	17441	0.399	ng		100
32) Benzo(a)anthracene	21.393	228	14838	0.381	ng		100
33) Chrysene	21.447	228	16770	0.401	ng		99
34) Bis(2-ethylhexyl)phtha...	21.331	149	4946	0.428	ng		99
36) Indeno(1,2,3-cd)pyrene	26.124	276	22723	0.457	ng		99
37) Benzo(b)fluoranthene	23.037	252	17698	0.380	ng		98
38) Benzo(k)fluoranthene	23.081	252	18956	0.399	ng		97
39) Benzo(a)pyrene	23.636	252	14490	0.388	ng		97
40) Dibenzo(a,h)anthracene	26.139	278	17796	0.448	ng		98
41) Benzo(g,h,i)perylene	26.849	276	18357	0.412	ng		97

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

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