Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037415.D
Acq On : 27 Jun 2025 04:54
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 27 05:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152	1911	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4152	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	2803	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	5832	0.400	ng		0.00
29) Chrysene-d12	21.162	240	5618	0.400	ng		0.00
35) Perylene-d12	23.342	264	5931	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	1495	0.406	ng		0.00
5) Phenol-d6	6.744	99	1504	0.394	ng		0.00
8) Nitrobenzene-d5	8.717	82	1198	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	2415	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	658	0.400	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	4761	0.393	ng		0.00
27) Fluoranthene-d10	19.003	212	6400	0.383	ng		0.00
31) Terphenyl-d14	19.611	244	4769	0.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	752	0.415	ng		92
3) n-Nitrosodimethylamine	3.415	42	652	0.364	ng		83
6) bis(2-Chloroethyl)ether	6.997	93	1118	0.329	ng		90
9) Naphthalene	10.383	128	4123	0.386	ng		98
10) Hexachlorobutadiene	10.682	225	1736	0.409	ng	#	97
12) 2-Methylnaphthalene	12.016	142	2789	0.379	ng		99
16) Acenaphthylene	13.924	152	4361	0.375	ng		98
17) Acenaphthene	14.277	154	2865	0.377	ng		99
18) Fluorene	15.271	166	4105	0.383	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	405	0.270	ng	#	83
21) 4-Bromophenyl-phenylether	16.164	248	1533	0.373	ng		98
22) Hexachlorobenzene	16.276	284	1783	0.403	ng		98
23) Atrazine	16.450	200	1260	0.387	ng		98
24) Pentachlorophenol	16.624	266	828	0.347	ng		98
25) Phenanthrene	17.008	178	6159	0.375	ng		99
26) Anthracene	17.095	178	5663	0.375	ng		99
28) Fluoranthene	19.031	202	8012	0.382	ng		100
30) Pyrene	19.393	202	8391	0.395	ng		100
32) Benzo(a)anthracene	21.144	228	6423	0.364	ng		99
33) Chrysene	21.197	228	9016	0.413	ng		100
34) Bis(2-ethylhexyl)phtha...	21.090	149	2930	0.419	ng		98
36) Indeno(1,2,3-cd)pyrene	25.523	276	9870	0.395	ng		97
37) Benzo(b)fluoranthene	22.693	252	7809	0.373	ng		98
38) Benzo(k)fluoranthene	22.737	252	8852	0.396	ng		97
39) Benzo(a)pyrene	23.249	252	7434	0.400	ng	#	96
40) Dibenzo(a,h)anthracene	25.544	278	7351	0.383	ng		99
41) Benzo(g,h,i)perylene	26.184	276	8948	0.390	ng		99

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

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