Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037403.D
Acq On : 26 Jun 2025 21:38
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 27 03:00:38 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	1253	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	2741	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	1842	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	3978	0.400	ng		0.00
29) Chrysene-d12	21.162	240	3956	0.400	ng		0.00
35) Perylene-d12	23.342	264	4281	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	939	0.389	ng		0.00
5) Phenol-d6	6.744	99	980	0.391	ng		0.00
8) Nitrobenzene-d5	8.717	82	824	0.375	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	1618	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	532	0.492	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	3183	0.400	ng		0.00
27) Fluoranthene-d10	19.003	212	4555	0.400	ng		0.00
31) Terphenyl-d14	19.611	244	3431	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	467	0.393	ng		96
3) n-Nitrosodimethylamine	3.415	42	469	0.400	ng	#	90
6) bis(2-Chloroethyl)ether	6.997	93	828	0.372	ng		95
9) Naphthalene	10.383	128	2760	0.391	ng		97
10) Hexachlorobutadiene	10.682	225	1242	0.443	ng	#	99
12) 2-Methylnaphthalene	12.011	142	1868	0.385	ng		95
16) Acenaphthylene	13.924	152	2920	0.382	ng		99
17) Acenaphthene	14.277	154	1878	0.376	ng		99
18) Fluorene	15.271	166	2778	0.394	ng		99
20) 4,6-Dinitro-2-methylph...	15.368	198	435	0.426	ng		97
21) 4-Bromophenyl-phenylether	16.165	248	1143	0.407	ng		99
22) Hexachlorobenzene	16.276	284	1236	0.410	ng		97
23) Atrazine	16.438	200	901	0.405	ng	#	92
24) Pentachlorophenol	16.624	266	737	0.452	ng		94
25) Phenanthrene	17.009	178	4265	0.381	ng		100
26) Anthracene	17.095	178	3988	0.387	ng		99
28) Fluoranthene	19.031	202	5729	0.400	ng		99
30) Pyrene	19.398	202	5716	0.382	ng		100
32) Benzo(a)anthracene	21.144	228	4770	0.384	ng		99
33) Chrysene	21.197	228	6302	0.410	ng		99
34) Bis(2-ethylhexyl)phtha...	21.090	149	2069	0.420	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.520	276	7185	0.398	ng		97
37) Benzo(b)fluoranthene	22.690	252	5748	0.381	ng		99
38) Benzo(k)fluoranthene	22.734	252	6484	0.402	ng		99
39) Benzo(a)pyrene	23.249	252	5244	0.391	ng		96
40) Dibenzo(a,h)anthracene	25.541	278	5585	0.403	ng		98
41) Benzo(g,h,i)perylene	26.184	276	6411	0.387	ng		99

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

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