Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
Data File : BN037423.D
Acq On : 27 Jun 2025 15:34
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 27 16:20:19 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	3058	0.400	ng	0.00
7) Naphthalene-d8	10.329	136	6888	0.400	ng	#-0.01
13) Acenaphthene-d10	14.213	164	4910	0.400	ng	0.00
19) Phenanthrene-d10	16.959	188	10652	0.400	ng	0.00
29) Chrysene-d12	21.162	240	9822	0.400	ng	# 0.00
35) Perylene-d12	23.345	264	9970	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.155	112	2622	0.445	ng	0.00
5) Phenol-d6	6.744	99	2632	0.431	ng	0.00
8) Nitrobenzene-d5	8.707	82	1997	0.362	ng	-0.01
11) 2-Methylnaphthalene-d10	11.935	152	4195	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	1086	0.377	ng	0.00
15) 2-Fluorobiphenyl	12.827	172	8050	0.380	ng	0.00
27) Fluoranthene-d10	18.998	212	11637	0.381	ng	0.00
31) Terphenyl-d14	19.611	244	8374	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1172	0.404	ng	# 89
3) n-Nitrosodimethylamine	3.415	42	1043	0.364	ng	91
6) bis(2-Chloroethyl)ether	6.997	93	2060	0.379	ng	94
9) Naphthalene	10.383	128	6944	0.392	ng	98
10) Hexachlorobutadiene	10.671	225	2579	0.366	ng	# 99
12) 2-Methylnaphthalene	12.011	142	4837	0.396	ng	96
16) Acenaphthylene	13.924	152	7593	0.373	ng	99
17) Acenaphthene	14.266	154	5159	0.388	ng	98
18) Fluorene	15.261	166	7237	0.385	ng	100
20) 4,6-Dinitro-2-methylph...	15.368	198	651	0.238	ng	90
21) 4-Bromophenyl-phenylether	16.164	248	2601	0.346	ng	94
22) Hexachlorobenzene	16.276	284	3069	0.380	ng	97
23) Atrazine	16.438	200	2132	0.358	ng	95
24) Pentachlorophenol	16.624	266	1397	0.320	ng	95
25) Phenanthrene	16.996	178	11292	0.376	ng	99
26) Anthracene	17.095	178	10136	0.367	ng	100
28) Fluoranthene	19.031	202	14938	0.390	ng	99
30) Pyrene	19.393	202	14993	0.403	ng	99
32) Benzo(a)anthracene	21.144	228	12277	0.398	ng	100
33) Chrysene	21.197	228	14232	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.090	149	5290	0.433	ng	99
36) Indeno(1,2,3-cd)pyrene	25.523	276	15653	0.372	ng	# 96
37) Benzo(b)fluoranthene	22.693	252	13588	0.387	ng	99
38) Benzo(k)fluoranthene	22.737	252	14365	0.382	ng	98
39) Benzo(a)pyrene	23.251	252	11844	0.379	ng	# 97
40) Dibenzo(a,h)anthracene	25.541	278	11618	0.360	ng	# 96
41) Benzo(g,h,i)perylene	26.187	276	14102	0.365	ng	97

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

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