Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
Data File : BN037166.D
Acq On : 04 Jun 2025 10:27
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 04 10:54:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2757	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	7191	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	3834	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	6868	0.400	ng	0.00
29) Chrysene-d12	21.180	240	4452	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	4092	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	2623	0.385	ng	0.00
5) Phenol-d6	6.766	99	3226	0.390	ng	0.00
8) Nitrobenzene-d5	8.739	82	3018	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	11.970	152	4011	0.401	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	528	0.342	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	6521	0.399	ng	0.00
27) Fluoranthene-d10	19.026	212	6371	0.365	ng	0.00
31) Terphenyl-d14	19.630	244	4046	0.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.126	88	1399	0.381	ng	97
3) n-Nitrosodimethylamine	3.437	42	2765	0.375	ng	95
6) bis(2-Chloroethyl)ether	7.026	93	3223	0.409	ng	97
9) Naphthalene	10.415	128	8076	0.389	ng	98
10) Hexachlorobutadiene	10.714	225	1769	0.391	ng	# 100
12) 2-Methylnaphthalene	12.041	142	4961	0.373	ng	96
16) Acenaphthylene	13.956	152	6807	0.362	ng	99
17) Acenaphthene	14.299	154	4451	0.365	ng	98
18) Fluorene	15.293	166	5636	0.351	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	485	0.515	ng	# 80
21) 4-Bromophenyl-phenylether	16.189	248	1611	0.358	ng	93
22) Hexachlorobenzene	16.301	284	1849	0.381	ng	99
23) Atrazine	16.462	200	1245	0.335	ng	95
24) Pentachlorophenol	16.649	266	823	0.498	ng	96
25) Phenanthrene	17.021	178	8135	0.366	ng	100
26) Anthracene	17.120	178	6966	0.343	ng	98
28) Fluoranthene	19.054	202	8355	0.340	ng	99
30) Pyrene	19.416	202	8281	0.381	ng	99
32) Benzo(a)anthracene	21.171	228	5983	0.371	ng	100
33) Chrysene	21.215	228	6546	0.365	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	3537	0.348	ng	99
36) Indeno(1,2,3-cd)pyrene	25.573	276	6087	0.374	ng	99
37) Benzo(b)fluoranthene	22.719	252	5916	0.358	ng	99
38) Benzo(k)fluoranthene	22.763	252	6048	0.359	ng	98
39) Benzo(a)pyrene	23.281	252	4995	0.361	ng	99
40) Dibenzo(a,h)anthracene	25.587	278	4662	0.371	ng	98
41) Benzo(g,h,i)perylene	26.239	276	5291	0.367	ng	99

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

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