Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061625\
Data File : BN037284.D
Acq On : 16 Jun 2025 10:23
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 16 11:17:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	1056	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	2600	0.400	ng		#-0.01
13) Acenaphthene-d10	14.224	164	1364	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2522	0.400	ng		# 0.00
29) Chrysene-d12	21.171	240	1830	0.400	ng		# 0.00
35) Perylene-d12	23.360	264	1806	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	969	0.374	ng		0.00
5) Phenol-d6	6.752	99	1079	0.395	ng		0.00
8) Nitrobenzene-d5	8.728	82	1102	0.429	ng		0.00
11) 2-Methylnaphthalene-d10	11.950	152	1456	0.417	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	243	0.429	ng		-0.01
15) 2-Fluorobiphenyl	12.843	172	2388	0.417	ng		0.00
27) Fluoranthene-d10	19.012	212	2655	0.402	ng		0.00
31) Terphenyl-d14	19.621	244	1731	0.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.112	88	560	0.387	ng		90
3) n-Nitrosodimethylamine	3.422	42	1389	0.421	ng	#	93
6) bis(2-Chloroethyl)ether	7.005	93	1037	0.424	ng		92
9) Naphthalene	10.394	128	2984	0.396	ng		99
10) Hexachlorobutadiene	10.693	225	747	0.408	ng	#	94
12) 2-Methylnaphthalene	12.026	142	1824	0.398	ng		99
16) Acenaphthylene	13.935	152	2640	0.395	ng		100
17) Acenaphthene	14.288	154	1681	0.390	ng		99
18) Fluorene	15.282	166	2137	0.386	ng		97
20) 4,6-Dinitro-2-methylph...	15.379	198	220	0.449	ng		88
21) 4-Bromophenyl-phenylether	16.177	248	666	0.405	ng	#	84
22) Hexachlorobenzene	16.289	284	769	0.404	ng		97
23) Atrazine	16.450	200	556	0.379	ng		95
24) Pentachlorophenol	16.636	266	387	0.415	ng		95
25) Phenanthrene	17.009	178	3070	0.384	ng		99
26) Anthracene	17.108	178	2780	0.380	ng		99
28) Fluoranthene	19.040	202	3477	0.371	ng		99
30) Pyrene	19.407	202	3532	0.411	ng		100
32) Benzo(a)anthracene	21.162	228	2471	0.400	ng		99
33) Chrysene	21.207	228	3003	0.390	ng		99
34) Bis(2-ethylhexyl)phtha...	21.099	149	2037	0.443	ng		98
36) Indeno(1,2,3-cd)pyrene	25.553	276	2942	0.404	ng		96
37) Benzo(b)fluoranthene	22.708	252	2557	0.387	ng		99
38) Benzo(k)fluoranthene	22.752	252	2890	0.379	ng		98
39) Benzo(a)pyrene	23.263	252	2325	0.391	ng	#	94
40) Dibenzo(a,h)anthracene	25.564	278	2093	0.378	ng		97
41) Benzo(g,h,i)perylene	26.213	276	2630	0.389	ng		98

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

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