Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036681.D
Acq On : 18 Mar 2025 04:52
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 18 06:01:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	2370	0.400	ng		-0.01
7) Naphthalene-d8	10.498	136	5736	0.400	ng		#-0.01
13) Acenaphthene-d10	14.356	164	3310	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	6088	0.400	ng		-0.01
29) Chrysene-d12	21.286	240	4030	0.400	ng		0.00
35) Perylene-d12	23.543	264	3645	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2007	0.363	ng		0.00
5) Phenol-d6	6.887	99	2343	0.343	ng		-0.01
8) Nitrobenzene-d5	8.865	82	2129	0.341	ng		-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2986	0.350	ng		-0.02
14) 2,4,6-Tribromophenol	15.845	330	524	0.349	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	7136	0.371	ng		0.00
27) Fluoranthene-d10	19.132	212	5604	0.359	ng		0.00
31) Terphenyl-d14	19.740	244	3480	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1101	0.419	ng		96
3) n-Nitrosodimethylamine	3.550	42	2150	0.404	ng		93
6) bis(2-Chloroethyl)ether	7.139	93	2370	0.336	ng		99
9) Naphthalene	10.552	128	5983	0.355	ng		99
10) Hexachlorobutadiene	10.840	225	1441	0.363	ng	#	98
12) 2-Methylnaphthalene	12.167	142	3784	0.352	ng		98
16) Acenaphthylene	14.067	152	5557	0.356	ng		100
17) Acenaphthene	14.409	154	3696	0.361	ng		99
18) Fluorene	15.403	166	4936	0.357	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	413	0.411	ng	#	76
21) 4-Bromophenyl-phenylether	16.292	248	1467	0.385	ng	#	87
22) Hexachlorobenzene	16.416	284	1807	0.392	ng		96
23) Atrazine	16.578	200	1154	0.377	ng		91
24) Pentachlorophenol	16.764	266	705	0.336	ng		100
25) Phenanthrene	17.136	178	6954	0.381	ng		100
26) Anthracene	17.235	178	6199	0.376	ng		99
28) Fluoranthene	19.164	202	7526	0.367	ng		98
30) Pyrene	19.527	202	7489	0.380	ng		100
32) Benzo(a)anthracene	21.277	228	4888	0.349	ng		98
33) Chrysene	21.331	228	5847	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.205	149	3635	0.364	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.820	276	5036	0.383	ng		96
37) Benzo(b)fluoranthene	22.864	252	4884	0.368	ng		98
38) Benzo(k)fluoranthene	22.908	252	5003	0.359	ng		94
39) Benzo(a)pyrene	23.446	252	4250	0.380	ng		94
40) Dibenzo(a,h)anthracene	25.838	278	3996	0.390	ng		94
41) Benzo(g,h,i)perylene	26.510	276	4592	0.392	ng		95

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

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