Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
Data File : BN036687.D
Acq On : 18 Mar 2025 12:35
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 18 12:58:38 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	1764	0.400	ng		-0.01
7) Naphthalene-d8	10.498	136	4529	0.400	ng		-0.01
13) Acenaphthene-d10	14.356	164	2699	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	5496	0.400	ng		-0.01
29) Chrysene-d12	21.286	240	3915	0.400	ng		0.00
35) Perylene-d12	23.546	264	3408	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	1463	0.356	ng		-0.01
5) Phenol-d6	6.879	99	1790	0.352	ng		-0.02
8) Nitrobenzene-d5	8.854	82	1684	0.342	ng		-0.02
11) 2-Methylnaphthalene-d10	12.091	152	2408	0.357	ng		-0.02
14) 2,4,6-Tribromophenol	15.845	330	449	0.367	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	5661	0.361	ng		0.00
27) Fluoranthene-d10	19.132	212	5300	0.376	ng		0.00
31) Terphenyl-d14	19.740	244	3360	0.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	765	0.391	ng		97
3) n-Nitrosodimethylamine	3.543	42	1615	0.408	ng	#	87
6) bis(2-Chloroethyl)ether	7.139	93	1823	0.347	ng		99
9) Naphthalene	10.541	128	4784	0.359	ng		100
10) Hexachlorobutadiene	10.840	225	1131	0.361	ng	#	98
12) 2-Methylnaphthalene	12.167	142	3104	0.366	ng		98
16) Acenaphthylene	14.067	152	4629	0.363	ng		100
17) Acenaphthene	14.409	154	3057	0.367	ng		100
18) Fluorene	15.403	166	4183	0.371	ng		99
20) 4,6-Dinitro-2-methylph...	15.499	198	352	0.397	ng		91
21) 4-Bromophenyl-phenylether	16.292	248	1305	0.379	ng		93
22) Hexachlorobenzene	16.404	284	1518	0.365	ng		95
23) Atrazine	16.578	200	1028	0.372	ng		94
24) Pentachlorophenol	16.764	266	634	0.334	ng		95
25) Phenanthrene	17.136	178	6196	0.376	ng		99
26) Anthracene	17.235	178	5487	0.369	ng		100
28) Fluoranthene	19.164	202	7032	0.380	ng		99
30) Pyrene	19.527	202	7070	0.369	ng		100
32) Benzo(a)anthracene	21.277	228	4732	0.348	ng		99
33) Chrysene	21.331	228	5693	0.383	ng		98
34) Bis(2-ethylhexyl)phtha...	21.205	149	3464	0.357	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.823	276	4254	0.346	ng		97
37) Benzo(b)fluoranthene	22.864	252	4593	0.370	ng		96
38) Benzo(k)fluoranthene	22.908	252	4818	0.370	ng		95
39) Benzo(a)pyrene	23.446	252	3841	0.368	ng		95
40) Dibenzo(a,h)anthracene	25.847	278	3233	0.338	ng		97
41) Benzo(g,h,i)perylene	26.513	276	3822	0.349	ng		97

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

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