Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036631.D
Acq On : 15 Mar 2025 06:04
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 15 06:29:26 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	7.717	152	2147	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5284	0.400	ng		# 0.00
13) Acenaphthene-d10	14.355	164	3126	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	6254	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	4038	0.400	ng		# 0.00
35) Perylene-d12	23.543	264	3358	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	2050	0.410	ng		0.00
5) Phenol-d6	6.894	99	2469	0.399	ng		0.00
8) Nitrobenzene-d5	8.865	82	2174	0.378	ng		-0.01
11) 2-Methylnaphthalene-d10	12.101	152	3122	0.397	ng		-0.01
14) 2,4,6-Tribromophenol	15.858	330	565	0.398	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	7351	0.404	ng		0.00
27) Fluoranthene-d10	19.136	212	6769	0.422	ng		0.00
31) Terphenyl-d14	19.740	244	4203	0.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1072	0.450	ng		97
3) n-Nitrosodimethylamine	3.550	42	2086	0.433	ng		98
6) bis(2-Chloroethyl)ether	7.147	93	2489	0.390	ng		99
9) Naphthalene	10.551	128	6294	0.405	ng		100
10) Hexachlorobutadiene	10.840	225	1514	0.414	ng	#	97
12) 2-Methylnaphthalene	12.177	142	4015	0.406	ng		99
16) Acenaphthylene	14.077	152	6027	0.409	ng		99
17) Acenaphthene	14.420	154	4036	0.418	ng		100
18) Fluorene	15.403	166	5463	0.418	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	449	0.427	ng		81
21) 4-Bromophenyl-phenylether	16.304	248	1669	0.426	ng	#	85
22) Hexachlorobenzene	16.416	284	2020	0.427	ng		96
23) Atrazine	16.578	200	1320	0.420	ng		97
24) Pentachlorophenol	16.764	266	783	0.363	ng		99
25) Phenanthrene	17.148	178	7973	0.425	ng		100
26) Anthracene	17.235	178	7070	0.418	ng		100
28) Fluoranthene	19.164	202	8986	0.426	ng		100
30) Pyrene	19.531	202	8936	0.453	ng		100
32) Benzo(a)anthracene	21.277	228	5769	0.411	ng		99
33) Chrysene	21.322	228	6892	0.449	ng		99
34) Bis(2-ethylhexyl)phtha...	21.205	149	4735	0.474	ng		99
36) Indeno(1,2,3-cd)pyrene	25.820	276	5288	0.436	ng	#	84
37) Benzo(b)fluoranthene	22.864	252	5587	0.457	ng		98
38) Benzo(k)fluoranthene	22.908	252	5776	0.450	ng		96
39) Benzo(a)pyrene	23.446	252	4641	0.451	ng		97
40) Dibenzo(a,h)anthracene	25.844	278	3885	0.412	ng		97
41) Benzo(g,h,i)perylene	26.516	276	4755	0.441	ng		97

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

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