Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036651.D
Acq On : 17 Mar 2025 09:49
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 17 12:11:12 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	2063	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	5025	0.400	ng		-0.01
13) Acenaphthene-d10	14.356	164	2968	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	5703	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	3893	0.400	ng		# 0.00
35) Perylene-d12	23.546	264	3363	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1870	0.389	ng		0.00
5) Phenol-d6	6.887	99	2271	0.382	ng		-0.01
8) Nitrobenzene-d5	8.865	82	2131	0.390	ng		-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2982	0.399	ng		-0.02
14) 2,4,6-Tribromophenol	15.858	330	489	0.363	ng		0.00
15) 2-Fluorobiphenyl	12.978	172	7207	0.417	ng		0.00
27) Fluoranthene-d10	19.136	212	6261	0.428	ng		0.00
31) Terphenyl-d14	19.740	244	3924	0.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1026	0.448	ng		99
3) n-Nitrosodimethylamine	3.550	42	2035	0.440	ng	#	95
6) bis(2-Chloroethyl)ether	7.139	93	2441	0.398	ng		99
9) Naphthalene	10.552	128	6028	0.408	ng		100
10) Hexachlorobutadiene	10.840	225	1432	0.412	ng	#	99
12) 2-Methylnaphthalene	12.172	142	3813	0.405	ng		100
16) Acenaphthylene	14.078	152	5688	0.406	ng		99
17) Acenaphthene	14.420	154	3797	0.414	ng		99
18) Fluorene	15.403	166	5057	0.408	ng		98
20) 4,6-Dinitro-2-methylph...	15.499	198	377	0.405	ng		86
21) 4-Bromophenyl-phenylether	16.305	248	1516	0.424	ng	#	81
22) Hexachlorobenzene	16.416	284	1816	0.421	ng		96
23) Atrazine	16.578	200	1206	0.421	ng		94
24) Pentachlorophenol	16.764	266	772	0.392	ng		98
25) Phenanthrene	17.136	178	7434	0.435	ng		100
26) Anthracene	17.235	178	6627	0.429	ng		99
28) Fluoranthene	19.164	202	8247	0.429	ng		99
30) Pyrene	19.531	202	8317	0.437	ng		99
32) Benzo(a)anthracene	21.277	228	5282	0.390	ng		99
33) Chrysene	21.331	228	6576	0.445	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	4080	0.423	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.823	276	5084	0.419	ng		97
37) Benzo(b)fluoranthene	22.870	252	5332	0.436	ng		99
38) Benzo(k)fluoranthene	22.914	252	5516	0.430	ng		96
39) Benzo(a)pyrene	23.449	252	4533	0.440	ng		97
40) Dibenzo(a,h)anthracene	25.841	278	3865	0.409	ng		97
41) Benzo(g,h,i)perylene	26.516	276	4584	0.424	ng		95

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

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