Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036601.D
Acq On : 14 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 14 10:56:35 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	2400	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5723	0.400	ng		# 0.00
13) Acenaphthene-d10	14.355	164	3321	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	6547	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	4700	0.400	ng		# 0.00
35) Perylene-d12	23.546	264	3986	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	2230	0.399	ng		0.00
5) Phenol-d6	6.894	99	2710	0.392	ng		0.00
8) Nitrobenzene-d5	8.865	82	2420	0.389	ng		-0.01
11) 2-Methylnaphthalene-d10	12.101	152	3394	0.399	ng		-0.01
14) 2,4,6-Tribromophenol	15.858	330	611	0.405	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	8025	0.415	ng		0.00
27) Fluoranthene-d10	19.141	212	7252	0.432	ng		0.00
31) Terphenyl-d14	19.740	244	4580	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1261	0.474	ng		97
3) n-Nitrosodimethylamine	3.557	42	2390	0.444	ng	#	94
6) bis(2-Chloroethyl)ether	7.147	93	2922	0.409	ng		99
9) Naphthalene	10.552	128	6916	0.411	ng		100
10) Hexachlorobutadiene	10.850	225	1664	0.420	ng	#	100
12) 2-Methylnaphthalene	12.177	142	4295	0.401	ng		98
16) Acenaphthylene	14.078	152	6530	0.417	ng		100
17) Acenaphthene	14.420	154	4237	0.413	ng		98
18) Fluorene	15.414	166	5927	0.427	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	477	0.431	ng		85
21) 4-Bromophenyl-phenylether	16.304	248	1800	0.439	ng	#	88
22) Hexachlorobenzene	16.416	284	2210	0.446	ng		98
23) Atrazine	16.578	200	1367	0.416	ng		97
24) Pentachlorophenol	16.764	266	951	0.421	ng		99
25) Phenanthrene	17.149	178	8657	0.441	ng		100
26) Anthracene	17.235	178	7658	0.432	ng		100
28) Fluoranthene	19.169	202	9780	0.443	ng		100
30) Pyrene	19.531	202	9845	0.428	ng		100
32) Benzo(a)anthracene	21.277	228	6690	0.409	ng		99
33) Chrysene	21.331	228	7857	0.440	ng		100
34) Bis(2-ethylhexyl)phtha...	21.214	149	5063	0.435	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.823	276	6150	0.427	ng		96
37) Benzo(b)fluoranthene	22.867	252	6447	0.444	ng		95
38) Benzo(k)fluoranthene	22.914	252	6700	0.440	ng		94
39) Benzo(a)pyrene	23.446	252	5389	0.441	ng		94
40) Dibenzo(a,h)anthracene	25.844	278	4599	0.411	ng		97
41) Benzo(g,h,i)perylene	26.522	276	5508	0.430	ng		96

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

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