Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036649.D
Acq On : 15 Mar 2025 18:12
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025

Quant Time: Mar 17 00:37:47 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	2160	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	5436	0.400	ng		-0.01
13) Acenaphthene-d10	14.355	164	3199	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	6475	0.400	ng		-0.01
29) Chrysene-d12	21.286	240	4889	0.400	ng		0.00
35) Perylene-d12	23.540	264	4257	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2086	0.414	ng		0.00
5) Phenol-d6	6.886	99	2568	0.413	ng		-0.01
8) Nitrobenzene-d5	8.864	82	2299	0.389	ng		-0.01
11) 2-Methylnaphthalene-d10	12.101	152	3301	0.408	ng		-0.01
14) 2,4,6-Tribromophenol	15.845	330	623	0.429	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	7730	0.415	ng		-0.01
27) Fluoranthene-d10	19.132	212	7414	0.447	ng		0.00
31) Terphenyl-d14	19.736	244	4857	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1029	0.429	ng		94
3) n-Nitrosodimethylamine	3.550	42	2198	0.453	ng		95
6) bis(2-Chloroethyl)ether	7.139	93	2539	0.395	ng		98
9) Naphthalene	10.551	128	6486	0.406	ng		100
10) Hexachlorobutadiene	10.840	225	1552	0.412	ng	#	98
12) 2-Methylnaphthalene	12.172	142	4152	0.408	ng		99
16) Acenaphthylene	14.077	152	6279	0.416	ng		100
17) Acenaphthene	14.420	154	4142	0.419	ng		100
18) Fluorene	15.403	166	5728	0.428	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	501	0.448	ng	#	73
21) 4-Bromophenyl-phenylether	16.304	248	1738	0.428	ng	#	78
22) Hexachlorobenzene	16.416	284	2026	0.414	ng		94
23) Atrazine	16.577	200	1411	0.434	ng	#	93
24) Pentachlorophenol	16.764	266	906	0.406	ng		98
25) Phenanthrene	17.136	178	8535	0.439	ng		99
26) Anthracene	17.235	178	7630	0.435	ng		100
28) Fluoranthene	19.164	202	9991	0.458	ng		99
30) Pyrene	19.527	202	10012	0.419	ng		100
32) Benzo(a)anthracene	21.277	228	7102	0.418	ng		100
33) Chrysene	21.322	228	8114	0.437	ng		100
34) Bis(2-ethylhexyl)phtha...	21.205	149	5507	0.455	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.817	276	6389	0.416	ng		96
37) Benzo(b)fluoranthene	22.864	252	7177	0.463	ng		96
38) Benzo(k)fluoranthene	22.908	252	7221m	0.444	ng		
39) Benzo(a)pyrene	23.443	252	5859	0.449	ng		96
40) Dibenzo(a,h)anthracene	25.838	278	4849	0.405	ng		92
41) Benzo(g,h,i)perylene	26.510	276	5729	0.419	ng		95

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

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