Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
Data File : BN036591.D
Acq On : 12 Mar 2025 09:14
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 12 10:40:47 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	2221	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5304	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	3177	0.400	ng		-0.01
19) Phenanthrene-d10	17.111	188	6400	0.400	ng		0.00
29) Chrysene-d12	21.295	240	4453	0.400	ng		0.00
35) Perylene-d12	23.551	264	3635	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	2078	0.401	ng		0.00
5) Phenol-d6	6.894	99	2465	0.386	ng		0.00
8) Nitrobenzene-d5	8.875	82	2247	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	3172	0.402	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	595	0.413	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	7478	0.405	ng		0.00
27) Fluoranthene-d10	19.141	212	6898	0.421	ng		0.00
31) Terphenyl-d14	19.745	244	4263	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1164	0.472	ng		97
3) n-Nitrosodimethylamine	3.550	42	2139	0.429	ng		100
6) bis(2-Chloroethyl)ether	7.147	93	2672	0.404	ng		100
9) Naphthalene	10.551	128	6414	0.411	ng		99
10) Hexachlorobutadiene	10.850	225	1566	0.426	ng	#	98
12) 2-Methylnaphthalene	12.182	142	4039	0.407	ng		98
16) Acenaphthylene	14.078	152	6255	0.417	ng		100
17) Acenaphthene	14.420	154	4082	0.416	ng		100
18) Fluorene	15.414	166	5540	0.417	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	428	0.408	ng		96
21) 4-Bromophenyl-phenylether	16.304	248	1685	0.420	ng		94
22) Hexachlorobenzene	16.416	284	2127	0.439	ng		98
23) Atrazine	16.578	200	1329	0.413	ng		99
24) Pentachlorophenol	16.764	266	863	0.391	ng		100
25) Phenanthrene	17.148	178	8241	0.429	ng		99
26) Anthracene	17.235	178	7257	0.419	ng		99
28) Fluoranthene	19.169	202	9164	0.425	ng		100
30) Pyrene	19.536	202	9108	0.418	ng		99
32) Benzo(a)anthracene	21.286	228	6555	0.423	ng		100
33) Chrysene	21.331	228	7174	0.424	ng		100
34) Bis(2-ethylhexyl)phtha...	21.214	149	5004	0.454	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.835	276	5387	0.411	ng		97
37) Benzo(b)fluoranthene	22.873	252	5696	0.431	ng		98
38) Benzo(k)fluoranthene	22.920	252	6136	0.442	ng		97
39) Benzo(a)pyrene	23.455	252	4804	0.431	ng		96
40) Dibenzo(a,h)anthracene	25.858	278	4039	0.395	ng		98
41) Benzo(g,h,i)perylene	26.534	276	4958	0.424	ng		96

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

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