Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040425\
Data File : BN036837.D
Acq On : 04 Apr 2025 13:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 04 17:31:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	2261	0.400	ng		0.00
7) Naphthalene-d8	10.477	136	5761	0.400	ng	#	0.00
13) Acenaphthene-d10	14.334	164	3391	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	7218	0.400	ng	#	0.00
29) Chrysene-d12	21.268	240	6202	0.400	ng		0.00
35) Perylene-d12	23.511	264	5846	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	2154	0.409	ng		0.00
5) Phenol-d6	6.865	99	2624	0.403	ng		0.00
8) Nitrobenzene-d5	8.843	82	2357	0.376	ng		0.00
11) 2-Methylnaphthalene-d10	12.070	152	3408	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	572	0.372	ng		0.00
15) 2-Fluorobiphenyl	12.958	172	7286	0.369	ng		0.00
27) Fluoranthene-d10	19.113	212	8227	0.445	ng		0.00
31) Terphenyl-d14	19.717	244	5434	0.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	1125	0.449	ng		99
3) n-Nitrosodimethylamine	3.536	42	2154	0.425	ng	#	98
6) bis(2-Chloroethyl)ether	7.118	93	2771	0.412	ng		99
9) Naphthalene	10.520	128	6735	0.397	ng		99
10) Hexachlorobutadiene	10.819	225	1531	0.384	ng	#	99
12) 2-Methylnaphthalene	12.146	142	4180	0.388	ng		98
16) Acenaphthylene	14.046	152	6192	0.387	ng		99
17) Acenaphthene	14.398	154	4201	0.401	ng		98
18) Fluorene	15.382	166	5768	0.407	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	509	0.422	ng	#	81
21) 4-Bromophenyl-phenylether	16.280	248	1746	0.386	ng	#	83
22) Hexachlorobenzene	16.391	284	2067	0.379	ng		96
23) Atrazine	16.553	200	1430	0.394	ng		97
24) Pentachlorophenol	16.739	266	1008	0.405	ng		98
25) Phenanthrene	17.124	178	8982	0.415	ng		99
26) Anthracene	17.211	178	7861	0.402	ng		98
28) Fluoranthene	19.141	202	10677	0.439	ng		100
30) Pyrene	19.508	202	10985	0.362	ng		100
32) Benzo(a)anthracene	21.259	228	8968	0.416	ng		99
33) Chrysene	21.304	228	10083	0.428	ng		99
34) Bis(2-ethylhexyl)phtha...	21.187	149	5324	0.347	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.771	276	8691	0.412	ng		98
37) Benzo(b)fluoranthene	22.838	252	9008	0.423	ng		92
38) Benzo(k)fluoranthene	22.879	252	9694	0.434	ng	#	91
39) Benzo(a)pyrene	23.411	252	7658	0.427	ng	#	90
40) Dibenzo(a,h)anthracene	25.791	278	6556	0.399	ng		91
41) Benzo(g,h,i)perylene	26.458	276	7891	0.420	ng		96

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

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