Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021325\
Data File : BN036464.D
Acq On : 13 Feb 2025 12:55
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 13 13:51:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.746	152	2150	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	5474	0.400	ng	#	0.00
13) Acenaphthene-d10	14.388	164	3890	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	8413	0.400	ng	#	0.00
29) Chrysene-d12	21.322	240	7026	0.400	ng		0.00
35) Perylene-d12	23.592	264	6498	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	1938	0.381	ng		0.00
5) Phenol-d6	6.923	99	2302	0.386	ng		-0.01
8) Nitrobenzene-d5	8.897	82	2046	0.379	ng		-0.01
11) 2-Methylnaphthalene-d10	12.136	152	3284	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	644	0.334	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	5669	0.388	ng		-0.01
27) Fluoranthene-d10	19.164	212	8791	0.376	ng		0.00
31) Terphenyl-d14	19.768	244	6028	0.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	887	0.377	ng		96
3) n-Nitrosodimethylamine	3.572	42	1662	0.407	ng		94
6) bis(2-Chloroethyl)ether	7.175	93	2416	0.388	ng		100
9) Naphthalene	10.584	128	6118	0.387	ng		99
10) Hexachlorobutadiene	10.882	225	1513	0.394	ng	#	99
12) 2-Methylnaphthalene	12.207	142	4107	0.397	ng		99
16) Acenaphthylene	14.110	152	6179	0.360	ng		100
17) Acenaphthene	14.452	154	4232	0.369	ng		100
18) Fluorene	15.435	166	6222	0.381	ng		99
20) 4,6-Dinitro-2-methylph...	15.522	198	566	0.343	ng		84
21) 4-Bromophenyl-phenylether	16.329	248	1948	0.388	ng	#	86
22) Hexachlorobenzene	16.441	284	2417	0.390	ng		99
23) Atrazine	16.602	200	1460	0.348	ng		97
24) Pentachlorophenol	16.789	266	997	0.339	ng		96
25) Phenanthrene	17.173	178	9266	0.381	ng		100
26) Anthracene	17.260	178	8177	0.381	ng		99
28) Fluoranthene	19.197	202	11272	0.377	ng		99
30) Pyrene	19.559	202	11414	0.422	ng		99
32) Benzo(a)anthracene	21.304	228	8866	0.383	ng		99
33) Chrysene	21.357	228	10527	0.421	ng		98
34) Bis(2-ethylhexyl)phtha...	21.241	149	5266	0.366	ng		99
36) Indeno(1,2,3-cd)pyrene	25.890	276	8265	0.364	ng		99
37) Benzo(b)fluoranthene	22.908	252	9322	0.436	ng		97
38) Benzo(k)fluoranthene	22.952	252	9362	0.425	ng		99
39) Benzo(a)pyrene	23.496	252	7544	0.404	ng		97
40) Dibenzo(a,h)anthracene	25.905	278	6302	0.352	ng		99
41) Benzo(g,h,i)perylene	26.589	276	7242	0.356	ng		98

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

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