Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042925\
Data File : BN036933.D
Acq On : 29 Apr 2025 09:17
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 29 10:49:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	2604	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	6625	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	3573	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	6894	0.400	ng	0.00
29) Chrysene-d12	21.216	240	5083	0.400	ng	0.00
35) Perylene-d12	23.427	264	4284	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	2755	0.414	ng	0.00
5) Phenol-d6	6.802	99	3390	0.413	ng	0.00
8) Nitrobenzene-d5	8.771	82	2694	0.389	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	3590	0.387	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	613	0.385	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	6977	0.404	ng	0.00
27) Fluoranthene-d10	19.059	212	6879	0.385	ng	0.00
31) Terphenyl-d14	19.663	244	4832	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	1429	0.440	ng	99
3) n-Nitrosodimethylamine	3.466	42	2520	0.400	ng	99
6) bis(2-Chloroethyl)ether	7.062	93	3072	0.404	ng	99
9) Naphthalene	10.458	128	7647	0.397	ng	100
10) Hexachlorobutadiene	10.757	225	1687	0.404	ng	# 96
12) 2-Methylnaphthalene	12.082	142	4827	0.387	ng	99
16) Acenaphthylene	13.989	152	6799	0.389	ng	100
17) Acenaphthene	14.342	154	4543	0.396	ng	100
18) Fluorene	15.325	166	5827	0.388	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	599	0.328	ng	83
21) 4-Bromophenyl-phenylether	16.227	248	1787	0.388	ng	98
22) Hexachlorobenzene	16.338	284	2017	0.400	ng	99
23) Atrazine	16.500	200	1374	0.370	ng	97
24) Pentachlorophenol	16.674	266	1008	0.373	ng	99
25) Phenanthrene	17.058	178	9028	0.397	ng	100
26) Anthracene	17.158	178	7875	0.383	ng	100
28) Fluoranthene	19.091	202	9845	0.386	ng	99
30) Pyrene	19.454	202	9791	0.400	ng	100
32) Benzo(a)anthracene	21.198	228	7169	0.383	ng	98
33) Chrysene	21.251	228	8393	0.416	ng	99
34) Bis(2-ethylhexyl)phtha...	21.144	149	3845	0.361	ng	98
36) Indeno(1,2,3-cd)pyrene	25.643	276	6842	0.391	ng	99
37) Benzo(b)fluoranthene	22.763	252	7159	0.397	ng	99
38) Benzo(k)fluoranthene	22.807	252	7036	0.388	ng	98
39) Benzo(a)pyrene	23.328	252	5774	0.390	ng	97
40) Dibenzo(a,h)anthracene	25.658	278	5371	0.390	ng	97
41) Benzo(g,h,i)perylene	26.321	276	5958	0.390	ng	98

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

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