Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
Data File : BN036954.D
Acq On : 30 Apr 2025 19:29
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 01 01:13:24 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	7.625	152	1691	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	4216	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	2363	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4774	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3800	0.400	ng	0.00
35) Perylene-d12	23.427	264	3445	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1811	0.419	ng	0.00
5) Phenol-d6	6.802	99	2112	0.397	ng	0.00
8) Nitrobenzene-d5	8.781	82	1762	0.399	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	2321	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	427	0.405	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	4100	0.359	ng	0.00
27) Fluoranthene-d10	19.059	212	4922	0.398	ng	0.00
31) Terphenyl-d14	19.663	244	3548	0.396	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	867	0.411	ng	# 89
3) n-Nitrosodimethylamine	3.465	42	1769	0.433	ng	# 89
6) bis(2-Chloroethyl)ether	7.062	93	1848	0.375	ng	98
9) Naphthalene	10.458	128	4864	0.396	ng	99
10) Hexachlorobutadiene	10.746	225	1106	0.417	ng	# 98
12) 2-Methylnaphthalene	12.082	142	3120	0.393	ng	98
16) Acenaphthylene	13.989	152	4465	0.387	ng	99
17) Acenaphthene	14.331	154	3013	0.397	ng	99
18) Fluorene	15.325	166	3948	0.398	ng	99
20) 4,6-Dinitro-2-methylph...	15.410	198	463	0.366	ng	# 78
21) 4-Bromophenyl-phenylether	16.227	248	1244	0.390	ng	96
22) Hexachlorobenzene	16.338	284	1379	0.395	ng	98
23) Atrazine	16.500	200	1064	0.414	ng	98
24) Pentachlorophenol	16.673	266	644	0.344	ng	99
25) Phenanthrene	17.058	178	6166	0.391	ng	100
26) Anthracene	17.158	178	5520	0.387	ng	100
28) Fluoranthene	19.087	202	7047	0.399	ng	99
30) Pyrene	19.454	202	7025	0.384	ng	100
32) Benzo(a)anthracene	21.198	228	5504	0.393	ng	98
33) Chrysene	21.251	228	6504	0.431	ng	98
34) Bis(2-ethylhexyl)phtha...	21.144	149	3519	0.442	ng	100
36) Indeno(1,2,3-cd)pyrene	25.643	276	5296	0.376	ng	97
37) Benzo(b)fluoranthene	22.763	252	5755	0.397	ng	99
38) Benzo(k)fluoranthene	22.807	252	5713	0.392	ng	98
39) Benzo(a)pyrene	23.330	252	4761	0.400	ng	96
40) Dibenzo(a,h)anthracene	25.655	278	4096	0.370	ng	99
41) Benzo(g,h,i)perylene	26.318	276	4647	0.378	ng	99

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

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