Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081024\
Data File : BN033336.D
Acq On : 10 Aug 2024 14:53
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 12 01:01:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 00:59:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.580	152	5313	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	15448	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	9171	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	22066	0.400	ng		0.00
29) Chrysene-d12	21.166	240	19273	0.400	ng		0.00
35) Perylene-d12	23.349	264	19885	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	5977	0.427	ng		0.00
5) Phenol-d6	6.749	99	8038	0.420	ng		0.00
8) Nitrobenzene-d5	8.704	82	4546	0.482	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	9150	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	1755	0.473	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	14966	0.433	ng		0.00
27) Fluoranthene-d10	19.002	212	22394	0.369	ng		0.00
31) Terphenyl-d14	19.620	244	14573	0.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2265	0.385	ng		100
3) n-Nitrosodimethylamine	3.485	42	2971	0.397	ng		100
6) bis(2-Chloroethyl)ether	7.017	93	6308	0.386	ng		100
9) Naphthalene	10.391	128	16562	0.382	ng		100
10) Hexachlorobutadiene	10.690	225	3219	0.404	ng	#	100
12) 2-Methylnaphthalene	12.015	142	11044	0.369	ng		100
16) Acenaphthylene	13.924	152	15945	0.356	ng		100
17) Acenaphthene	14.277	154	11171	0.393	ng		100
18) Fluorene	15.271	166	14815	0.390	ng		100
20) 4,6-Dinitro-2-methylph...	15.346	198	921	0.584	ng		100
21) 4-Bromophenyl-phenylether	16.164	248	5026	0.375	ng		100
22) Hexachlorobenzene	16.276	284	5784	0.411	ng		100
23) Atrazine	16.449	200	3811	0.344	ng		100
24) Pentachlorophenol	16.611	266	2039	0.414	ng		100
25) Phenanthrene	16.995	178	24483	0.383	ng		100
26) Anthracene	17.095	178	21138	0.340	ng		100
28) Fluoranthene	19.030	202	29596	0.368	ng		100
30) Pyrene	19.392	202	30305	0.400	ng		100
32) Benzo(a)anthracene	21.157	228	26737	0.357	ng		100
33) Chrysene	21.201	228	28851	0.398	ng		100
34) Bis(2-ethylhexyl)phtha...	21.130	149	11323	0.292	ng		100
36) Indeno(1,2,3-cd)pyrene	25.524	276	29809	0.343	ng		100
37) Benzo(b)fluoranthene	22.703	252	28235	0.382	ng		100
38) Benzo(k)fluoranthene	22.747	252	29564	0.412	ng		100
39) Benzo(a)pyrene	23.255	252	22964	0.350	ng		100
40) Dibenzo(a,h)anthracene	25.548	278	23448	0.341	ng		100
41) Benzo(g,h,i)perylene	26.176	276	26432	0.354	ng		100

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

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