Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030534.D
Acq On : 29 Mar 2024 17:09
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Mar 29 23:52:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:46:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	6470	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	19007	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	10557	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	23431	0.400	ng		0.00
29) Chrysene-d12	21.285	240	20505	0.400	ng		0.00
35) Perylene-d12	23.527	264	19294	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	5290	0.376	ng		0.00
5) Phenol-d6	6.873	99	6662	0.368	ng		0.00
8) Nitrobenzene-d5	8.852	82	5011	0.375	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	11145	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	1332	0.334	ng		0.00
15) 2-Fluorobiphenyl	12.969	172	15632	0.383	ng		0.00
27) Fluoranthene-d10	19.126	212	23582	0.373	ng		0.00
31) Terphenyl-d14	19.730	244	18294	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.241	88	3126	0.400	ng		100
3) n-Nitrosodimethylamine	3.551	42	2878	0.381	ng		100
6) bis(2-Chloroethyl)ether	7.141	93	6898	0.386	ng		99
9) Naphthalene	10.539	128	20320	0.386	ng		100
10) Hexachlorobutadiene	10.827	225	4259	0.396	ng	#	100
12) 2-Methylnaphthalene	12.157	142	13263	0.383	ng		100
16) Acenaphthylene	14.060	152	17385	0.364	ng		100
17) Acenaphthene	14.402	154	12445	0.376	ng		100
18) Fluorene	15.396	166	16283	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.471	198	886	0.417	ng		100
21) 4-Bromophenyl-phenylether	16.283	248	5415	0.382	ng		100
22) Hexachlorobenzene	16.395	284	6486	0.384	ng		100
23) Atrazine	16.556	200	3680	0.357	ng		100
24) Pentachlorophenol	16.742	266	1704	0.416	ng		100
25) Phenanthrene	17.127	178	26498	0.381	ng		100
26) Anthracene	17.227	178	21185	0.363	ng		100
28) Fluoranthene	19.154	202	30857	0.374	ng		100
30) Pyrene	19.521	202	31065	0.387	ng		100
32) Benzo(a)anthracene	21.267	228	26789	0.369	ng		100
33) Chrysene	21.321	228	30063	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.213	149	10761	0.342	ng		99
36) Indeno(1,2,3-cd)pyrene	25.799	276	31236	0.366	ng		100
37) Benzo(b)fluoranthene	22.855	252	29667	0.378	ng		100
38) Benzo(k)fluoranthene	22.899	252	30065	0.382	ng		100
39) Benzo(a)pyrene	23.431	252	22698	0.361	ng		100
40) Dibenzo(a,h)anthracene	25.817	278	24731	0.365	ng		100
41) Benzo(g,h,i)perylene	26.486	276	27393	0.376	ng		100

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

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