Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090424\
Data File : BN033752.D
Acq On : 04 Sep 2024 14:42
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 04 18:04:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:03:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	5895	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	15185	0.400	ng		0.00
13) Acenaphthene-d10	14.157	164	6901	0.400	ng		0.00
19) Phenanthrene-d10	16.905	188	12880	0.400	ng		0.00
29) Chrysene-d12	21.113	240	9360	0.400	ng		0.00
35) Perylene-d12	23.271	264	9625	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	6885	0.382	ng		0.00
5) Phenol-d6	6.707	99	7993	0.374	ng		0.00
8) Nitrobenzene-d5	8.649	82	4868	0.377	ng		0.00
11) 2-Methylnaphthalene-d10	11.873	152	8155	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	1285	0.369	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	11245	0.391	ng		0.00
27) Fluoranthene-d10	18.947	212	12231	0.385	ng		0.00
31) Terphenyl-d14	19.560	244	8131	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2579	0.385	ng		100
3) n-Nitrosodimethylamine	3.464	42	3022	0.384	ng		100
6) bis(2-Chloroethyl)ether	6.960	93	6282	0.390	ng		100
9) Naphthalene	10.325	128	15538	0.383	ng		100
10) Hexachlorobutadiene	10.624	225	3285	0.389	ng	#	100
12) 2-Methylnaphthalene	11.949	142	9429	0.379	ng		100
16) Acenaphthylene	13.868	152	11157	0.374	ng		100
17) Acenaphthene	14.210	154	7861	0.384	ng		100
18) Fluorene	15.204	166	9594	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.290	198	658	0.324	ng		100
21) 4-Bromophenyl-phenylether	16.110	248	2912	0.390	ng		100
22) Hexachlorobenzene	16.222	284	3427	0.401	ng		100
23) Atrazine	16.396	200	2301	0.386	ng		100
24) Pentachlorophenol	16.569	266	1266	0.362	ng		98
25) Phenanthrene	16.942	178	13860	0.391	ng		100
26) Anthracene	17.041	178	11832	0.383	ng		100
28) Fluoranthene	18.975	202	15133	0.380	ng		100
30) Pyrene	19.342	202	15421	0.409	ng		100
32) Benzo(a)anthracene	21.104	228	13254	0.397	ng		100
33) Chrysene	21.148	228	13210	0.400	ng		100
34) Bis(2-ethylhexyl)phtha...	21.059	149	7254	0.398	ng		100
36) Indeno(1,2,3-cd)pyrene	25.402	276	15658	0.394	ng		100
37) Benzo(b)fluoranthene	22.630	252	14099	0.399	ng		100
38) Benzo(k)fluoranthene	22.674	252	13545	0.393	ng		100
39) Benzo(a)pyrene	23.177	252	11531	0.390	ng		100
40) Dibenzo(a,h)anthracene	25.417	278	12626	0.396	ng		100
41) Benzo(g,h,i)perylene	26.048	276	13903	0.402	ng		100

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

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