Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034569.D
Acq On : 14 Oct 2024 13:48
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Oct 14 17:37:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 16:58:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.365	152	5134	0.400	ng		0.00
7) Naphthalene-d8	10.116	136	14650	0.400	ng		0.00
13) Acenaphthene-d10	14.019	164	8804	0.400	ng		0.00
19) Phenanthrene-d10	16.783	188	16654	0.400	ng		0.00
29) Chrysene-d12	21.008	240	6317	0.400	ng		0.00
35) Perylene-d12	23.110	264	10615	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.004	112	5426	0.390	ng		0.00
5) Phenol-d6	6.564	99	5448	0.378	ng		0.00
8) Nitrobenzene-d5	8.514	82	3581	0.375	ng		0.00
11) 2-Methylnaphthalene-d10	11.723	152	8681	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.530	330	1237	0.317	ng		0.00
15) 2-Fluorobiphenyl	12.640	172	11727	0.386	ng		0.00
27) Fluoranthene-d10	18.825	212	15448	0.382	ng		0.00
31) Terphenyl-d14	19.452	244	9708	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	2589	0.418	ng		96
3) n-Nitrosodimethylamine	3.328	42	2188	0.388	ng		98
6) bis(2-Chloroethyl)ether	6.809	93	4565	0.387	ng		100
9) Naphthalene	10.169	128	15264	0.398	ng		100
10) Hexachlorobutadiene	10.458	225	3352	0.401	ng	#	100
12) 2-Methylnaphthalene	11.799	142	9806	0.397	ng		100
16) Acenaphthylene	13.730	152	13176	0.368	ng		100
17) Acenaphthene	14.072	154	9845	0.388	ng		100
18) Fluorene	15.077	166	12527	0.387	ng		100
20) 4,6-Dinitro-2-methylph...	16.275	198	85	0.371	ng		100
21) 4-Bromophenyl-phenylether	15.989	248	3694	0.409	ng		100
22) Hexachlorobenzene	16.088	284	5107	0.418	ng		100
23) Atrazine	16.287	200	2796	0.388	ng		100
24) Pentachlorophenol	16.461	266	1075	0.308	ng		99
25) Phenanthrene	16.821	178	17877	0.407	ng		100
26) Anthracene	16.908	178	14806	0.388	ng		99
28) Fluoranthene	18.853	202	19137	0.382	ng		100
30) Pyrene	19.220	202	19135	0.309	ng		100
33) Chrysene	21.035	228	18472	0.326	ng		100
36) Indeno(1,2,3-cd)pyrene	25.165	276	16654	0.404	ng		100
37) Benzo(b)fluoranthene	22.490	252	13281	0.374	ng		100
38) Benzo(k)fluoranthene	22.531	252	16392	0.406	ng		100
39) Benzo(a)pyrene	23.019	252	11983	0.389	ng		100
40) Dibenzo(a,h)anthracene	25.180	278	12656	0.401	ng		100
41) Benzo(g,h,i)perylene	25.788	276	15545	0.412	ng		100

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

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