Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016427.D
Acq On : 23 Sep 2021 17:48
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 23 18:21:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 16:03:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23511	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	88418	0.400	ng	# 0.00
13) Acenaphthene-d10	14.294	164	46448	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	87569	0.400	ng	# 0.01
29) Chrysene-d12	21.259	240	90044	0.400	ng	# 0.01
35) Perylene-d12	23.522	264	80890	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	258349	4.379	ng	0.00
5) Phenol-d6	6.849	99	311599	4.357	ng	0.00
8) Nitrobenzene-d5	8.810	82	371606	7.073	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	650168	4.666	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.924	172	908178	4.997	ng	0.00
27) Fluoranthene-d10	19.093	212	1288561	5.084	ng	0.00
31) Terphenyl-d14	19.703	244	1061863	5.091	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	48555	4.966	ng	# 86
3) n-Nitrosodimethylamine	3.595	42	129614	5.796	ng	# 71
6) bis(2-Chloroethyl)ether	7.108	93	284220	4.463	ng	93
9) Naphthalene	10.483	128	1140690	4.788	ng	99
10) Hexachlorobutadiene	10.774	225	229589	5.069	ng	# 99
12) 2-Methylnaphthalene	12.105	142	719046	4.553	ng	98
16) Acenaphthylene	14.015	152	1066335	4.934	ng	99
17) Acenaphthene	14.358	154	681006	5.081	ng	97
18) Fluorene	15.347	166	830447	4.993	ng	100
20) 4,6-Dinitro-2-methylph...	15.436	198	79564	21.725	ng	# 51
21) 4-Bromophenyl-phenylether	16.251	248	274165	5.350	ng	96
22) Hexachlorobenzene	16.360	284	252936	5.227	ng	# 89
23) Atrazine	16.531	200	237304	5.060	ng	98
24) Pentachlorophenol	16.701	266	126489	7.759	ng	98
25) Phenanthrene	17.091	178	1297597	5.244	ng	99
26) Anthracene	17.176	178	1217569	5.080	ng	99
28) Fluoranthene	19.123	202	1441558	5.058	ng	99
30) Pyrene	19.485	202	1499256	5.265	ng	99
32) Benzo(a)anthracene	21.238	228	1522784	5.264	ng	99
33) Chrysene	21.291	228	1441383	5.150	ng	99
36) Indeno(1,2,3-cd)pyrene	25.819	276	1461491	5.594	ng	99
37) Benzo(b)fluoranthene	22.838	252	1428568	5.561	ng	98
38) Benzo(k)fluoranthene	22.885	252	1371711	5.548	ng	98
39) Benzo(a)pyrene	23.419	252	1271516	5.473	ng	# 96
40) Dibenzo(a,h)anthracene	25.843	278	1225338	5.526	ng	94
41) Benzo(g,h,i)perylene	26.521	276	1257767	5.699	ng	95

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

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