Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028415.D
Acq On : 02 Nov 2023 10:06
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 02 11:19:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	10654	0.400	ng	0.00
7) Naphthalene-d8	10.511	136	30720	0.400	ng	0.00
13) Acenaphthene-d10	14.363	164	17494	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	39117	0.400	ng	#-0.01
29) Chrysene-d12	21.318	240	29908	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	29565	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	9747	0.350	ng	0.00
5) Phenol-d6	6.889	99	11902	0.338	ng	0.00
8) Nitrobenzene-d5	8.867	82	7570	0.381	ng	-0.01
11) 2-Methylnaphthalene-d10	12.109	152	17473	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.854	330	2113	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	6869	0.331	ng	0.00
27) Fluoranthene-d10	19.151	212	37119	0.384	ng	0.00
31) Terphenyl-d14	19.765	244	25703	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.206	88	4572	0.388	ng	96
3) n-Nitrosodimethylamine	3.523	42	5073	0.385	ng	# 98
6) bis(2-Chloroethyl)ether	7.156	93	12116	0.397	ng	100
9) Naphthalene	10.565	128	33668	0.406	ng	100
10) Hexachlorobutadiene	10.863	225	5642	0.408	ng	# 100
12) 2-Methylnaphthalene	12.185	142	23168	0.401	ng	99
16) Acenaphthylene	14.085	152	30610	0.354	ng	100
17) Acenaphthene	14.427	154	22232	0.406	ng	99
18) Fluorene	15.421	166	30092	0.404	ng	99
20) 4,6-Dinitro-2-methylph...	15.496	198	1101	0.378	ng	97
21) 4-Bromophenyl-phenylether	16.313	248	9248	0.426	ng	93
22) Hexachlorobenzene	16.413	284	9583	0.419	ng	99
23) Atrazine	16.586	200	6469	0.356	ng	97
24) Pentachlorophenol	16.760	266	3059	0.371	ng	98
25) Phenanthrene	17.157	178	47845	0.414	ng	100
26) Anthracene	17.244	178	41195	0.373	ng	100
28) Fluoranthene	19.184	202	52597	0.390	ng	100
30) Pyrene	19.546	202	52321	0.419	ng	100
32) Benzo(a)anthracene	21.309	228	43684	0.368	ng	98
33) Chrysene	21.354	228	46619	0.394	ng	100
34) Bis(2-ethylhexyl)phtha...	21.265	149	20681	0.337	ng	100
36) Indeno(1,2,3-cd)pyrene	26.007	276	43819	0.423	ng	99
37) Benzo(b)fluoranthene	22.934	252	42583	0.437	ng	100
38) Benzo(k)fluoranthene	22.984	252	44440	0.384	ng	99
39) Benzo(a)pyrene	23.531	252	37039	0.368	ng	99
40) Dibenzo(a,h)anthracene	26.034	278	36222	0.383	ng	99
41) Benzo(g,h,i)perylene	26.732	276	40158	0.397	ng	99

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

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