Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025306.D
Acq On : 06 May 2023 09:23
Operator : CG/JU
Sample : PB152603BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152603BS

Quant Time: May 08 04:19:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 04:14:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	5871	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	20164	0.400	ng		0.00
13) Acenaphthene-d10	14.555	164	12942	0.400	ng		0.00
19) Phenanthrene-d10	17.299	188	28819	0.400	ng	#	0.00
29) Chrysene-d12	21.491	240	26134	0.400	ng		0.00
35) Perylene-d12	23.919	264	25903	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	6225	0.436	ng		0.00
5) Phenol-d6	7.081	99	8376	0.467	ng		0.00
8) Nitrobenzene-d5	9.084	82	6738	0.406	ng		0.00
11) 2-Methylnaphthalene-d10	12.309	152	12911	0.468	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	3028	0.458	ng		0.00
15) 2-Fluorobiphenyl	13.176	172	20645	0.465	ng		0.00
27) Fluoranthene-d10	19.334	212	30908	0.434	ng		0.00
31) Terphenyl-d14	19.928	244	24717	0.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	2769	0.449	ng		98
3) n-Nitrosodimethylamine	3.664	42	4286	0.455	ng	#	97
6) bis(2-Chloroethyl)ether	7.333	93	6649	0.421	ng		96
9) Naphthalene	10.771	128	23730	0.459	ng		99
10) Hexachlorobutadiene	11.049	225	4577	0.468	ng	#	98
12) 2-Methylnaphthalene	12.385	142	17099	0.468	ng		99
16) Acenaphthylene	14.277	152	26265	0.453	ng		99
17) Acenaphthene	14.609	154	16723	0.464	ng		99
18) Fluorene	15.603	166	22418	0.454	ng		100
20) 4,6-Dinitro-2-methylph...	15.722	198	1018	0.442	ng	#	49
21) 4-Bromophenyl-phenylether	16.492	248	7211	0.449	ng	#	88
22) Hexachlorobenzene	16.616	284	8357	0.482	ng		99
23) Atrazine	16.765	200	5451	0.388	ng	#	93
24) Pentachlorophenol	16.963	266	2787	0.681	ng		89
25) Phenanthrene	17.348	178	35732	0.448	ng		100
26) Anthracene	17.435	178	32522	0.435	ng		100
28) Fluoranthene	19.363	202	42622	0.428	ng		100
30) Pyrene	19.730	202	44285	0.496	ng		100
32) Benzo(a)anthracene	21.473	228	40031	0.453	ng		99
33) Chrysene	21.527	228	43052	0.490	ng		99
34) Bis(2-ethylhexyl)phtha...	21.383	149	26942	0.389	ng		98
36) Indeno(1,2,3-cd)pyrene	26.436	276	36832	0.355	ng		99
37) Benzo(b)fluoranthene	23.176	252	39600	0.482	ng		97
38) Benzo(k)fluoranthene	23.223	252	40338	0.469	ng		97
39) Benzo(a)pyrene	23.811	252	37521	0.446	ng		98
40) Dibenzo(a,h)anthracene	26.457	278	29399	0.359	ng		99
41) Benzo(g,h,i)perylene	27.208	276	30645	0.340	ng		100

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

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