Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
Data File : BN019702.D
Acq On : 06 May 2022 17:22
Operator : CG/JU
Sample : PB144641BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Quant Time: May 07 00:52:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	5434	0.400	ng		0.00
7) Naphthalene-d8	10.647	136	15724	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	8526	0.400	ng		-0.01
19) Phenanthrene-d10	17.215	188	16770	0.400	ng		0.00
29) Chrysene-d12	21.404	240	12861	0.400	ng		# 0.00
35) Perylene-d12	23.746	264	10262	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	3413	0.269	ng		0.00
5) Phenol-d6	7.024	99	4030	0.259	ng		0.00
8) Nitrobenzene-d5	9.003	82	3553	0.279	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	7559	0.295	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	666	0.211	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	11252	0.306	ng		0.00
27) Fluoranthene-d10	19.244	212	12971	0.279	ng		0.00
31) Terphenyl-d14	19.847	244	9177	0.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	1947	0.309	ng		95
3) n-Nitrosodimethylamine	3.687	42	1846	0.284	ng	#	80
6) bis(2-Chloroethyl)ether	7.284	93	4648	0.296	ng		98
9) Naphthalene	10.701	128	13668	0.304	ng		100
10) Hexachlorobutadiene	11.000	225	2705	0.312	ng	#	100
12) 2-Methylnaphthalene	12.310	142	8784	0.298	ng		99
16) Acenaphthylene	14.196	152	11551	0.281	ng		99
17) Acenaphthene	14.538	154	8107	0.286	ng		98
18) Fluorene	15.521	166	9842	0.283	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	539	0.211	ng		100
21) 4-Bromophenyl-phenylether	16.415	248	3200	0.296	ng	#	76
22) Hexachlorobenzene	16.528	284	3762	0.313	ng		98
23) Atrazine	16.671	200	1528	0.220	ng		98
24) Pentachlorophenol	16.866	266	844	0.188	ng		96
25) Phenanthrene	17.256	178	16598	0.299	ng		100
26) Anthracene	17.348	178	12984	0.275	ng		99
28) Fluoranthene	19.274	202	16170	0.278	ng		99
30) Pyrene	19.640	202	16119	0.303	ng		100
32) Benzo(a)anthracene	21.386	228	12533	0.275	ng		99
33) Chrysene	21.440	228	15328	0.308	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	5941	0.246	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.153	276	13898	0.298	ng		99
37) Benzo(b)fluoranthene	23.033	252	12417	0.293	ng		95
38) Benzo(k)fluoranthene	23.083	252	13363	0.298	ng	#	92
39) Benzo(a)pyrene	23.641	252	8921	0.277	ng		95
40) Dibenzo(a,h)anthracene	26.170	278	11377	0.299	ng		98
41) Benzo(g,h,i)perylene	26.883	276	11395	0.303	ng		99

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

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