Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020645.D
Acq On : 03 Jul 2022 02:41
Operator : CG/JU
Sample : PB145881BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Quant Time: Jul 04 02:40:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4675	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	14379	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	8271	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	17412	0.400	ng	0.00
29) Chrysene-d12	21.431	240	13021	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	9933	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	3837	0.296	ng	0.00
5) Phenol-d6	7.024	99	4882	0.315	ng	0.00
8) Nitrobenzene-d5	8.982	82	3816	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.223	152	8906	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	873	0.280	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	13058	0.382	ng	-0.01
27) Fluoranthene-d10	19.265	212	17404	0.336	ng	0.00
31) Terphenyl-d14	19.868	244	12449	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	2118	0.346	ng	98
3) n-Nitrosodimethylamine	3.608	42	1702	0.305	ng	# 96
6) bis(2-Chloroethyl)ether	7.255	93	4597	0.345	ng	98
9) Naphthalene	10.669	128	15965	0.372	ng	100
10) Hexachlorobutadiene	10.968	225	2895	0.370	ng	# 99
12) 2-Methylnaphthalene	12.295	142	10363	0.363	ng	99
16) Acenaphthylene	14.185	152	13809	0.347	ng	99
17) Acenaphthene	14.538	154	9757	0.361	ng	95
18) Fluorene	15.522	166	12475	0.353	ng	99
20) 4,6-Dinitro-2-methylph...	15.628	198	449	0.357	ng	# 63
21) 4-Bromophenyl-phenylether	16.415	248	3791	0.374	ng	97
22) Hexachlorobenzene	16.538	284	4278	0.382	ng	98
23) Atrazine	16.692	200	2300	0.288	ng	97
24) Pentachlorophenol	16.887	266	716	0.383	ng	97
25) Phenanthrene	17.267	178	20723	0.353	ng	100
26) Anthracene	17.359	178	16555	0.327	ng	99
28) Fluoranthene	19.295	202	22256	0.347	ng	99
30) Pyrene	19.657	202	22179	0.402	ng	100
32) Benzo(a)anthracene	21.413	228	15330	0.330	ng	99
33) Chrysene	21.467	228	19400	0.377	ng	99
34) Bis(2-ethylhexyl)phtha...	21.351	149	8709	0.332	ng	99
36) Indeno(1,2,3-cd)pyrene	26.214	276	14371	0.325	ng	100
37) Benzo(b)fluoranthene	23.065	252	14846	0.388	ng	98
38) Benzo(k)fluoranthene	23.112	252	15629	0.384	ng	98
39) Benzo(a)pyrene	23.676	252	11706	0.353	ng	96
40) Dibenzo(a,h)anthracene	26.232	278	11353	0.320	ng	98
41) Benzo(g,h,i)perylene	26.954	276	12394	0.320	ng	99

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

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