Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026734.D
Acq On : 25 Jul 2023 04:52
Operator : MA/JU
Sample : PB153977BS
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153977BS

Quant Time: Jul 25 05:29:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	3	0.400	ng	# 0.00
7) Naphthalene-d8	10.607	136	8	0.400	ng	#-0.02
13) Acenaphthene-d10	14.427	164	10	0.400	ng	#-0.03
19) Phenanthrene-d10	17.195	188	12	0.400	ng	#-0.02
29) Chrysene-d12	21.354	240	9	0.400	ng	#-0.05
35) Perylene-d12	23.724	264	4	0.400	ng	#-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	1027	141.109	ng	0.00
5) Phenol-d6	7.048	99	1345	144.998	ng	0.00
8) Nitrobenzene-d5	9.038	82	1093	159.751	ng	0.00
11) 2-Methylnaphthalene-d10	12.230	152	3937	336.580	ng	0.00
14) 2,4,6-Tribromophenol	15.991	330	405	111.318	ng	0.01
15) 2-Fluorobiphenyl	13.101	172	4416	114.382	ng	0.00
27) Fluoranthene-d10	19.249	212	6767	266.145	ng	0.00
31) Terphenyl-d14	19.848	244	4712	204.582	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	556	175.207	ng	# 18
3) n-Nitrosodimethylamine	3.624	42	672	209.037	ng	# 65
6) bis(2-Chloroethyl)ether	7.315	93	350	45.814	ng	# 66
9) Naphthalene	10.682	128	4885	225.554	ng	# 93
10) Hexachlorobutadiene	10.938	225	1243	297.247	ng	# 99
12) 2-Methylnaphthalene	12.302	142	3431	225.160	ng	# 92
16) Acenaphthylene	14.192	152	6464	137.847	ng	99
17) Acenaphthene	14.523	154	4084	134.873	ng	98
18) Fluorene	15.519	166	4903	124.205	ng	98
20) 4,6-Dinitro-2-methylph...	16.164	198	4	2.355	ng	# 1
21) 4-Bromophenyl-phenylether	16.413	248	1466	213.982	ng	# 92
22) Hexachlorobenzene	16.524	284	1866	271.821	ng	96
23) Atrazine	16.686	200	1717	291.778	ng	97
24) Pentachlorophenol	16.897	266	1183	365.833	ng	96
25) Phenanthrene	17.257	178	7106	202.108	ng	99
26) Anthracene	17.356	178	6346	200.475	ng	100
28) Fluoranthene	19.281	202	8400	227.507	ng	# 95
30) Pyrene	19.644	202	8675	173.972	ng	99
32) Benzo(a)anthracene	21.399	228	6664	205.755	ng	98
33) Chrysene	21.399	228	6653	184.334	ng	97
34) Bis(2-ethylhexyl)phtha...	21.300	149	5159	178.531	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.247	276	9916	603.889	ng	# 86
37) Benzo(b)fluoranthene	23.066	252	7575	522.073	ng	# 89
38) Benzo(k)fluoranthene	23.066	252	7575	482.724	ng	# 88
39) Benzo(a)pyrene	23.689	252	7591	533.068	ng	# 85
40) Dibenzo(a,h)anthracene	26.253	278	8156	634.487	ng	# 87
41) Benzo(g,h,i)perylene	26.995	276	9562	638.074	ng	# 87

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

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