Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026728.D
Acq On : 25 Jul 2023 01:12
Operator : MA/JU
Sample : PB154197BSD
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154197BSD

Quant Time: Jul 25 03:26:41 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	7.835	152	1489	0.400	ng	# 0.00
7) Naphthalene-d8	10.628	136	4808	0.400	ng	# 0.00
13) Acenaphthene-d10	14.459	164	3538	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	7294	0.400	ng	# 0.00
29) Chrysene-d12	21.408	240	5149	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	6490	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	980	0.271	ng	0.01
5) Phenol-d6	7.055	99	1195	0.260	ng	0.01
8) Nitrobenzene-d5	9.038	82	1074	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.230	152	3960	0.563	ng	0.00
14) 2,4,6-Tribromophenol	15.978	330	518	0.402	ng	0.00
15) 2-Fluorobiphenyl	13.101	172	4422	0.324	ng	0.00
27) Fluoranthene-d10	19.249	212	6374	0.412	ng	0.00
31) Terphenyl-d14	19.848	244	4773	0.362	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	525	0.333	ng	# 82
3) n-Nitrosodimethylamine	3.632	42	768	0.481	ng	# 59
6) bis(2-Chloroethyl)ether	7.300	93	576	0.152	ng	# 84
9) Naphthalene	10.682	128	4638	0.356	ng	# 93
10) Hexachlorobutadiene	10.938	225	1174	0.467	ng	# 99
12) 2-Methylnaphthalene	12.302	142	3335	0.364	ng	# 93
16) Acenaphthylene	14.191	152	6084	0.367	ng	99
17) Acenaphthene	14.523	154	3873	0.362	ng	97
18) Fluorene	15.519	166	4849	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	16.152	198	7	0.065	ng	# 1
21) 4-Bromophenyl-phenylether	16.412	248	1533	0.368	ng	# 89
22) Hexachlorobenzene	16.524	284	1800	0.431	ng	97
23) Atrazine	16.686	200	1705	0.477	ng	93
24) Pentachlorophenol	16.897	266	1405	0.715	ng	96
25) Phenanthrene	17.256	178	6958	0.326	ng	99
26) Anthracene	17.356	178	6467	0.336	ng	100
28) Fluoranthene	19.281	202	8209	0.366	ng	# 94
30) Pyrene	19.644	202	8312	0.291	ng	100
32) Benzo(a)anthracene	21.399	228	6747	0.364	ng	98
33) Chrysene	21.444	228	7183	0.348	ng	97
34) Bis(2-ethylhexyl)phtha...	21.300	149	5890	0.356	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.241	276	10111	0.380	ng	# 86
37) Benzo(b)fluoranthene	23.060	252	7530	0.320	ng	# 89
38) Benzo(k)fluoranthene	23.104	252	8106	0.318	ng	# 88
39) Benzo(a)pyrene	23.680	252	7247	0.314	ng	# 86
40) Dibenzo(a,h)anthracene	26.244	278	8173	0.392	ng	# 88
41) Benzo(g,h,i)perylene	26.989	276	8866	0.365	ng	# 87

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

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