Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029523.D
Acq On : 06 Feb 2024 00:47
Operator : MA/JU
Sample : PB158825BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158825BS

Quant Time: Feb 06 04:23:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.890	152	4137	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	11111	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4570	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	7846	0.400	ng	0.00
29) Chrysene-d12	21.483	240	4546	0.400	ng	# 0.00
35) Perylene-d12	23.859	264	4527	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3961	0.399	ng	0.00
5) Phenol-d6	7.060	99	4643	0.405	ng	0.00
8) Nitrobenzene-d5	9.057	82	3619	0.391	ng	0.00
11) 2-Methylnaphthalene-d10	12.280	152	7533	0.498	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	500	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	8209	0.418	ng	0.00
27) Fluoranthene-d10	19.317	212	6857	0.361	ng	0.00
31) Terphenyl-d14	19.926	244	4504	0.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1726	0.296	ng	# 55
3) n-Nitrosodimethylamine	3.709	42	1593	0.336	ng	# 86
6) bis(2-Chloroethyl)ether	7.327	93	4220	0.386	ng	99
9) Naphthalene	10.744	128	11859	0.375	ng	100
10) Hexachlorobutadiene	11.021	225	2093	0.349	ng	# 100
12) 2-Methylnaphthalene	12.355	142	6939	0.373	ng	99
16) Acenaphthylene	14.254	152	8720	0.402	ng	100
17) Acenaphthene	14.597	154	5535	0.380	ng	99
18) Fluorene	15.580	166	6648	0.364	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	389	0.338	ng	# 74
21) 4-Bromophenyl-phenylether	16.486	248	1725	0.369	ng	# 70
22) Hexachlorobenzene	16.573	284	2087	0.364	ng	97
23) Atrazine	16.759	200	1189	0.358	ng	99
24) Pentachlorophenol	16.933	266	1385	0.763	ng	98
25) Phenanthrene	17.317	178	9070	0.391	ng	100
26) Anthracene	17.417	178	7537	0.381	ng	99
28) Fluoranthene	19.345	202	8508	0.326	ng	99
30) Pyrene	19.708	202	8656	0.414	ng	100
32) Benzo(a)anthracene	21.465	228	6132	0.395	ng	100
33) Chrysene	21.519	228	7274	0.412	ng	99
34) Bis(2-ethylhexyl)phtha...	21.411	149	3594	0.340	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.326	276	8265	0.454	ng	# 90
37) Benzo(b)fluoranthene	23.136	252	6633	0.410	ng	94
38) Benzo(k)fluoranthene	23.186	252	6581	0.388	ng	95
39) Benzo(a)pyrene	23.756	252	6010	0.426	ng	93
40) Dibenzo(a,h)anthracene	26.352	278	5799	0.400	ng	100
41) Benzo(g,h,i)perylene	27.069	276	7378	0.418	ng	96

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

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