Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027772.D
Acq On : 20 Sep 2023 20:26
Operator : MA/JU
Sample : PB155446BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155446BS

Quant Time: Sep 21 04:23:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 20 13:45:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	2305	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	6910	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	4243	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	12910	0.400	ng	0.00
29) Chrysene-d12	21.578	240	12315	0.400	ng	# 0.00
35) Perylene-d12	24.080	264	10990	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.545	112	2013	0.345	ng	0.00
5) Phenol-d6	7.163	99	2466	0.338	ng	0.00
8) Nitrobenzene-d5	9.208	82	1972	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.411	152	3930	0.389	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	587	0.325	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	5412	0.378	ng	0.00
27) Fluoranthene-d10	19.421	212	11868	0.354	ng	0.00
31) Terphenyl-d14	20.011	244	9810	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	714	0.253	ng	# 80
3) n-Nitrosodimethylamine	3.769	42	1103	0.339	ng	97
6) bis(2-Chloroethyl)ether	7.445	93	2467	0.346	ng	99
9) Naphthalene	10.885	128	6648	0.347	ng	99
10) Hexachlorobutadiene	11.109	225	1208	0.363	ng	# 100
12) 2-Methylnaphthalene	12.487	142	4179	0.314	ng	98
16) Acenaphthylene	14.373	152	6557	0.362	ng	99
17) Acenaphthene	14.705	154	4686	0.364	ng	99
18) Fluorene	15.693	166	7205	0.386	ng	99
20) 4,6-Dinitro-2-methylph...	16.847	198	70	0.366	ng	94
21) 4-Bromophenyl-phenylether	16.586	248	2127	0.323	ng	95
22) Hexachlorobenzene	16.661	284	2695	0.359	ng	100
23) Atrazine	16.847	200	1660	0.341	ng	98
24) Pentachlorophenol	17.033	266	9088	2.831	ng	98
25) Phenanthrene	17.443	178	13240	0.351	ng	100
26) Anthracene	17.530	178	10862	0.336	ng	99
28) Fluoranthene	19.453	202	15857	0.342	ng	99
30) Pyrene	19.816	202	16405	0.371	ng	99
32) Benzo(a)anthracene	21.560	228	15223	0.356	ng	100
33) Chrysene	21.614	228	16456	0.350	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	6091	0.322	ng	98
36) Indeno(1,2,3-cd)pyrene	26.712	276	15151	0.324	ng	99
37) Benzo(b)fluoranthene	23.300	252	15837	0.364	ng	98
38) Benzo(k)fluoranthene	23.352	252	15464	0.351	ng	97
39) Benzo(a)pyrene	23.969	252	12409	0.314	ng	95
40) Dibenzo(a,h)anthracene	26.741	278	12359	0.324	ng	96
41) Benzo(g,h,i)perylene	27.530	276	14028	0.332	ng	98

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

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