Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028177.D
Acq On : 10 Oct 2023 02:02
Operator : MA/JU
Sample : PB155926BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155926BS

Quant Time: Oct 10 02:30:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	3575	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	10335	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	4994	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	9893	0.400	ng	#	0.00
29) Chrysene-d12	21.515	240	8565	0.400	ng		0.00
35) Perylene-d12	23.978	264	8679	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.466	112	3660	0.343	ng		0.00
5) Phenol-d6	7.091	99	4226	0.314	ng		0.00
8) Nitrobenzene-d5	9.123	82	3581	0.407	ng		0.00
11) 2-Methylnaphthalene-d10	12.328	152	7385	0.482	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	567	0.248	ng		0.00
15) 2-Fluorobiphenyl	13.197	172	8281	0.460	ng		0.01
27) Fluoranthene-d10	19.356	212	10165	0.409	ng		0.00
31) Terphenyl-d14	19.941	244	9184	0.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	1413	0.352	ng	#	75
3) n-Nitrosodimethylamine	3.704	42	2007	0.437	ng		91
6) bis(2-Chloroethyl)ether	7.365	93	3879	0.358	ng		91
9) Naphthalene	10.789	128	11480	0.430	ng		100
10) Hexachlorobutadiene	11.002	225	2089	0.441	ng	#	99
12) 2-Methylnaphthalene	12.400	142	6764	0.362	ng		97
16) Acenaphthylene	14.298	152	8663	0.392	ng		99
17) Acenaphthene	14.630	154	5956	0.422	ng		98
18) Fluorene	15.618	166	7519	0.411	ng		98
20) 4,6-Dinitro-2-methylph...	16.785	198	54	0.411	ng		84
21) 4-Bromophenyl-phenylether	16.512	248	2043	0.396	ng	#	79
22) Hexachlorobenzene	16.586	284	2420	0.447	ng		94
23) Atrazine	16.785	200	1552	0.345	ng		98
24) Pentachlorophenol	16.959	266	6747	2.647	ng		93
25) Phenanthrene	17.368	178	11285	0.423	ng		99
26) Anthracene	17.455	178	9344	0.371	ng		99
28) Fluoranthene	19.388	202	12463	0.405	ng		99
30) Pyrene	19.755	202	13054	0.416	ng		99
32) Benzo(a)anthracene	21.497	228	11526	0.395	ng		99
33) Chrysene	21.551	228	13007	0.463	ng		98
34) Bis(2-ethylhexyl)phtha...	21.372	149	5317	0.277	ng		99
36) Indeno(1,2,3-cd)pyrene	26.563	276	15181	0.520	ng		99
37) Benzo(b)fluoranthene	23.212	252	12784	0.456	ng		99
38) Benzo(k)fluoranthene	23.265	252	12094	0.425	ng		98
39) Benzo(a)pyrene	23.870	252	10612	0.400	ng		97
40) Dibenzo(a,h)anthracene	26.580	278	12396	0.519	ng		96
41) Benzo(g,h,i)perylene	27.369	276	13442	0.548	ng		97

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

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