Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028195.D
Acq On : 10 Oct 2023 13:48
Operator : MA/JU
Sample : PB155970BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155970BS

Quant Time: Oct 10 14:19:51 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	3474	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	10097	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	4682	0.400	ng		0.00
19) Phenanthrene-d10	17.331	188	9014	0.400	ng		0.01
29) Chrysene-d12	21.524	240	8663	0.400	ng		0.00
35) Perylene-d12	23.990	264	9981	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.466	112	4028	0.389	ng		0.00
5) Phenol-d6	7.091	99	4598	0.352	ng		0.00
8) Nitrobenzene-d5	9.123	82	3837	0.447	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	7507	0.502	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	638	0.298	ng		0.00
15) 2-Fluorobiphenyl	13.197	172	7963	0.472	ng		0.01
27) Fluoranthene-d10	19.360	212	9990	0.441	ng		0.00
31) Terphenyl-d14	19.946	244	8797	0.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.350	88	1575	0.404	ng	#	65
3) n-Nitrosodimethylamine	3.704	42	2043	0.458	ng		98
6) bis(2-Chloroethyl)ether	7.366	93	4332	0.411	ng		94
9) Naphthalene	10.789	128	11704	0.449	ng		100
10) Hexachlorobutadiene	11.002	225	2104	0.454	ng	#	100
12) 2-Methylnaphthalene	12.404	142	6864	0.376	ng		98
16) Acenaphthylene	14.298	152	10495	0.506	ng		98
17) Acenaphthene	14.630	154	5989	0.453	ng		99
18) Fluorene	15.618	166	7474	0.435	ng		98
20) 4,6-Dinitro-2-methylph...	16.797	198	46	0.384	ng	#	75
21) 4-Bromophenyl-phenylether	16.512	248	1898	0.404	ng	#	81
22) Hexachlorobenzene	16.599	284	2278	0.462	ng		99
23) Atrazine	16.797	200	1586	0.386	ng		96
24) Pentachlorophenol	16.971	266	7391	3.182	ng		94
25) Phenanthrene	17.368	178	11222	0.462	ng		99
26) Anthracene	17.468	178	9697	0.422	ng		98
28) Fluoranthene	19.393	202	13704	0.489	ng		99
30) Pyrene	19.755	202	13960	0.439	ng		99
32) Benzo(a)anthracene	21.506	228	13541	0.459	ng		99
33) Chrysene	21.560	228	13844	0.487	ng		99
34) Bis(2-ethylhexyl)phtha...	21.372	149	6954	0.359	ng		99
36) Indeno(1,2,3-cd)pyrene	26.580	276	17088	0.509	ng		99
37) Benzo(b)fluoranthene	23.224	252	13970	0.433	ng		97
38) Benzo(k)fluoranthene	23.276	252	13700	0.419	ng		97
39) Benzo(a)pyrene	23.882	252	12678	0.416	ng		96
40) Dibenzo(a,h)anthracene	26.595	278	14188	0.517	ng		99
41) Benzo(g,h,i)perylene	27.387	276	14339	0.509	ng		99

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

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