Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121922\
Data File : BN023288.D
Acq On : 19 Dec 2022 16:21
Operator : CG/JU
Sample : PB149692BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149692BSD

Quant Time: Dec 19 17:36:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 15:44:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.999	152	8380	0.400	ng		0.00
7) Naphthalene-d8	10.818	136	26080	0.400	ng		0.00
13) Acenaphthene-d10	14.645	164	15594	0.400	ng		0.00
19) Phenanthrene-d10	17.390	188	33450	0.400	ng	#	0.00
29) Chrysene-d12	21.580	240	27783	0.400	ng		0.00
35) Perylene-d12	24.027	264	19326	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.543	112	7545	0.483	ng		0.00
5) Phenol-d6	7.161	99	9755	0.492	ng		0.00
8) Nitrobenzene-d5	9.164	82	7213	0.420	ng		0.00
11) 2-Methylnaphthalene-d10	12.405	152	16556	0.374	ng		0.00
14) 2,4,6-Tribromophenol	16.136	330	2840	0.502	ng		0.00
15) 2-Fluorobiphenyl	13.276	172	22265	0.357	ng		0.00
27) Fluoranthene-d10	19.422	212	32302	0.412	ng		0.00
31) Terphenyl-d14	20.013	244	19027	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	3249	0.393	ng		97
3) n-Nitrosodimethylamine	3.716	42	3278	0.404	ng	#	87
6) bis(2-Chloroethyl)ether	7.421	93	8864	0.393	ng		99
9) Naphthalene	10.872	128	25915	0.390	ng		100
10) Hexachlorobutadiene	11.160	225	5090	0.402	ng	#	100
12) 2-Methylnaphthalene	12.102	142	5521	0.558	ng	#	97
16) Acenaphthylene	14.367	152	24287	0.387	ng		100
17) Acenaphthene	14.709	154	17134	0.371	ng		97
18) Fluorene	15.693	166	23685	0.458	ng		99
20) 4,6-Dinitro-2-methylph...	15.764	198	614	0.325	ng		92
21) 4-Bromophenyl-phenylether	16.583	248	7247	0.406	ng	#	78
22) Hexachlorobenzene	16.694	284	9218	0.394	ng		98
23) Atrazine	16.843	200	5175	0.411	ng	#	91
24) Pentachlorophenol	17.042	266	2942	0.362	ng		99
25) Phenanthrene	17.427	178	37812	0.379	ng		100
26) Anthracene	17.526	178	30463	0.384	ng		100
28) Fluoranthene	19.452	202	41868	0.392	ng		99
30) Pyrene	19.814	202	42727	0.420	ng		100
32) Benzo(a)anthracene	21.562	228	36084	0.403	ng		100
33) Chrysene	21.616	228	36965	0.367	ng		99
34) Bis(2-ethylhexyl)phtha...	21.482	149	19873	0.525	ng		97
36) Indeno(1,2,3-cd)pyrene	26.588	276	28213	0.326	ng		98
37) Benzo(b)fluoranthene	23.276	252	30332	0.379	ng		98
38) Benzo(k)fluoranthene	23.325	252	29310	0.360	ng		100
39) Benzo(a)pyrene	23.919	252	22613	0.376	ng		98
40) Dibenzo(a,h)anthracene	26.603	278	22498	0.324	ng		99
41) Benzo(g,h,i)perylene	27.369	276	23348	0.314	ng		99

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

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