Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
Data File : BN031443.D
Acq On : 08 May 2024 17:06
Operator : MA/JU
Sample : PB160578BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Quant Time: May 08 17:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152	3842	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	13281	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	7688	0.400	ng		0.00
19) Phenanthrene-d10	16.967	188	21332	0.400	ng		0.00
29) Chrysene-d12	21.175	240	16909	0.400	ng		0.00
35) Perylene-d12	23.355	264	19484	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	3826	0.425	ng		0.00
5) Phenol-d6	6.743	99	4564	0.427	ng		0.00
8) Nitrobenzene-d5	8.713	82	3676	0.315	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	7798	0.495	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1207	0.318	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	11668	0.410	ng		0.00
27) Fluoranthene-d10	19.007	212	16704	0.289	ng		0.00
31) Terphenyl-d14	19.616	244	15426	0.359	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2253	0.491	ng		96
3) n-Nitrosodimethylamine	3.421	42	1764	0.385	ng	#	98
6) bis(2-Chloroethyl)ether	7.003	93	4175	0.418	ng		99
9) Naphthalene	10.389	128	13813	0.372	ng		99
10) Hexachlorobutadiene	10.667	225	2679	0.346	ng	#	99
12) 2-Methylnaphthalene	12.013	142	9375	0.511	ng		98
16) Acenaphthylene	13.932	152	11565	0.343	ng		100
17) Acenaphthene	14.274	154	7824	0.338	ng		99
18) Fluorene	15.268	166	12690	0.424	ng		100
20) 4,6-Dinitro-2-methylph...	15.365	198	784	0.265	ng	#	84
21) 4-Bromophenyl-phenylether	16.160	248	4560	0.370	ng		93
22) Hexachlorobenzene	16.272	284	5451	0.387	ng		99
23) Atrazine	16.445	200	3340	0.346	ng		97
24) Pentachlorophenol	16.619	266	1654	0.364	ng		97
25) Phenanthrene	17.004	178	22891	0.374	ng		100
26) Anthracene	17.103	178	17897	0.348	ng		99
28) Fluoranthene	19.035	202	21640	0.289	ng		99
30) Pyrene	19.402	202	26503	0.455	ng		100
32) Benzo(a)anthracene	21.157	228	22214	0.380	ng		99
33) Chrysene	21.211	228	25679	0.422	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	11333	0.367	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.539	276	30622	0.389	ng		99
37) Benzo(b)fluoranthene	22.701	252	29472	0.386	ng		98
38) Benzo(k)fluoranthene	22.744	252	28571	0.381	ng		100
39) Benzo(a)pyrene	23.259	252	24316	0.379	ng	#	96
40) Dibenzo(a,h)anthracene	25.554	278	24239	0.391	ng		98
41) Benzo(g,h,i)perylene	26.206	276	23246	0.369	ng		99

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

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