Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
Data File : BN024029.D
Acq On : 14 Feb 2023 18:39
Operator : CG/JU
Sample : PB150777BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150777BSD

Quant Time: Feb 15 02:59:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 02:55:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	4064	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	10317	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	6183	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	13666	0.400	ng		# 0.00
29) Chrysene-d12	21.428	240	9877	0.400	ng		# 0.00
35) Perylene-d12	23.808	264	6992	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	3149	0.373	ng		0.00
5) Phenol-d6	7.002	99	3732	0.375	ng		0.00
8) Nitrobenzene-d5	9.003	82	3267	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	5480	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1071	0.336	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	10029	0.410	ng		0.00
27) Fluoranthene-d10	19.266	212	12030	0.363	ng		0.00
31) Terphenyl-d14	19.865	244	8046	0.437	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1599	0.415	ng		96
3) n-Nitrosodimethylamine	3.600	42	1653	0.383	ng	#	95
6) bis(2-Chloroethyl)ether	7.262	93	4195	0.422	ng		99
9) Naphthalene	10.690	128	10510	0.408	ng		100
10) Hexachlorobutadiene	10.968	225	2894	0.429	ng	#	99
12) 2-Methylnaphthalene	12.306	142	6801	0.397	ng		99
16) Acenaphthylene	14.206	152	8931	0.371	ng		99
17) Acenaphthene	14.549	154	6638	0.405	ng		99
18) Fluorene	15.532	166	8941	0.402	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	640	0.394	ng	#	78
21) 4-Bromophenyl-phenylether	16.421	248	3409	0.384	ng	#	81
22) Hexachlorobenzene	16.533	284	4443	0.416	ng		99
23) Atrazine	16.694	200	2047	0.352	ng	#	92
24) Pentachlorophenol	16.893	266	1040	0.369	ng		93
25) Phenanthrene	17.278	178	14733	0.391	ng		99
26) Anthracene	17.365	178	11238	0.362	ng		100
28) Fluoranthene	19.296	202	15995	0.370	ng		100
30) Pyrene	19.663	202	15620	0.456	ng		100
32) Benzo(a)anthracene	21.410	228	11784	0.373	ng		99
33) Chrysene	21.464	228	13867	0.407	ng		98
34) Bis(2-ethylhexyl)phtha...	21.338	149	5036	0.349	ng		99
36) Indeno(1,2,3-cd)pyrene	26.278	276	12723	0.400	ng		98
37) Benzo(b)fluoranthene	23.083	252	12086	0.427	ng	#	94
38) Benzo(k)fluoranthene	23.129	252	11581	0.414	ng	#	95
39) Benzo(a)pyrene	23.705	252	8729	0.407	ng	#	92
40) Dibenzo(a,h)anthracene	26.299	278	10170	0.400	ng		99
41) Benzo(g,h,i)perylene	27.044	276	11037	0.409	ng		98

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

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