Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011322\
Data File : BN018397.D
Acq On : 13 Jan 2022 16:13
Operator : CG/JU
Sample : PB142013BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142013BS

Quant Time: Jan 13 20:20:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 13:58:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.614	152	26060	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	119542	0.400	ng		#-0.01
13) Acenaphthene-d10	14.243	164	59639	0.400	ng		-0.01
19) Phenanthrene-d10	16.981	188	104596	0.400	ng		#-0.01
29) Chrysene-d12	21.185	240	91596	0.400	ng		0.00
35) Perylene-d12	23.406	264	93060	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.217	112	29899	0.466	ng		-0.02
5) Phenol-d6	6.803	99	28984	0.451	ng		0.00
8) Nitrobenzene-d5	8.759	82	30920	0.463	ng		-0.01
11) 2-Methylnaphthalene-d10	11.985	152	74647	0.399	ng		-0.01
14) 2,4,6-Tribromophenol	15.740	330	8393	0.452	ng		-0.01
15) 2-Fluorobiphenyl	12.873	172	92405	0.429	ng		-0.01
27) Fluoranthene-d10	19.023	212	117046	0.392	ng		-0.01
31) Terphenyl-d14	19.634	244	86812	0.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	5446	0.371	ng	#	57
3) n-Nitrosodimethylamine	3.484	42	10451	0.445	ng	#	1
6) bis(2-Chloroethyl)ether	7.052	93	30830	0.443	ng		99
9) Naphthalene	10.432	128	127949	0.421	ng		99
10) Hexachlorobutadiene	10.736	225	24359	0.432	ng	#	99
12) 2-Methylnaphthalene	12.056	142	78908	0.424	ng		97
16) Acenaphthylene	13.964	152	90836	0.384	ng		100
17) Acenaphthene	14.307	154	66654	0.403	ng		100
18) Fluorene	15.296	166	77073	0.415	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	1153	0.343	ng		94
21) 4-Bromophenyl-phenylether	16.190	248	22930	0.399	ng		97
22) Hexachlorobenzene	16.299	284	31193	0.408	ng	#	92
23) Atrazine	16.458	200	13319	0.364	ng	#	90
24) Pentachlorophenol	16.664	266	4264	0.470	ng		99
25) Phenanthrene	17.029	178	120656	0.410	ng		100
26) Anthracene	17.115	178	95812	0.394	ng		100
28) Fluoranthene	19.053	202	135334	0.433	ng	#	96
30) Pyrene	19.415	202	134920	0.416	ng		100
32) Benzo(a)anthracene	21.163	228	108639	0.403	ng		98
33) Chrysene	21.217	228	130241	0.425	ng		99
34) Bis(2-ethylhexyl)phtha...	21.110	149	52336	0.427	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.665	276	116029	0.392	ng	#	88
37) Benzo(b)fluoranthene	22.735	252	125161	0.415	ng	#	96
38) Benzo(k)fluoranthene	22.779	252	126019	0.427	ng	#	94
39) Benzo(a)pyrene	23.310	252	115168	0.413	ng	#	93
40) Dibenzo(a,h)anthracene	25.682	278	83246	0.361	ng	#	94
41) Benzo(g,h,i)perylene	26.349	276	109363	0.404	ng	#	91

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

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