Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
Data File : BN016568.D
Acq On : 28 Sep 2021 23:15
Operator : CG/JU
Sample : PB139372BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139372BS

Quant Time: Sep 29 01:56:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 01:39:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	32398	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	139526	0.400	ng	# 0.00
13) Acenaphthene-d10	14.282	164	70780	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	132283	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	118248	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	115440	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	28931	0.359	ng	0.00
5) Phenol-d6	6.831	99	28414	0.351	ng	0.00
8) Nitrobenzene-d5	8.797	82	23622	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	77037	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	9365	0.303	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	109503	0.376	ng	0.00
27) Fluoranthene-d10	19.078	212	132777	0.371	ng	0.00
31) Terphenyl-d14	19.693	244	103612	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	4618	0.331	ng	# 57
3) n-Nitrosodimethylamine	3.613	42	9167	0.356	ng	# 56
6) bis(2-Chloroethyl)ether	7.098	93	33073	0.388	ng	91
9) Naphthalene	10.470	128	144175	0.383	ng	100
10) Hexachlorobutadiene	10.762	225	28217	0.380	ng	# 99
12) 2-Methylnaphthalene	12.092	142	91829	0.392	ng	99
16) Acenaphthylene	14.002	152	106686	0.340	ng	100
17) Acenaphthene	14.345	154	79472	0.373	ng	93
18) Fluorene	15.335	166	96325	0.371	ng	99
20) 4,6-Dinitro-2-methylph...	15.423	198	1398	0.343	ng	98
21) 4-Bromophenyl-phenylether	16.239	248	29317	0.375	ng	# 72
22) Hexachlorobenzene	16.336	284	36239	0.388	ng	94
23) Atrazine	16.519	200	16938	0.353	ng	# 94
24) Pentachlorophenol	16.701	266	7309	0.369	ng	99
25) Phenanthrene	17.078	178	152889	0.384	ng	100
26) Anthracene	17.164	178	123777	0.358	ng	100
28) Fluoranthene	19.108	202	166544	0.383	ng	98
30) Pyrene	19.475	202	163394	0.405	ng	100
32) Benzo(a)anthracene	21.228	228	138532	0.378	ng	99
33) Chrysene	21.281	228	156162	0.418	ng	99
34) Bis(2-ethylhexyl)phtha...	21.185	149	38010	0.348	ng	100
36) Indeno(1,2,3-cd)pyrene	25.798	276	144629	0.393	ng	97
37) Benzo(b)fluoranthene	22.824	252	144266	0.374	ng	99
38) Benzo(k)fluoranthene	22.868	252	149905	0.399	ng	# 96
39) Benzo(a)pyrene	23.406	252	129258	0.366	ng	98
40) Dibenzo(a,h)anthracene	25.816	278	111792	0.437	ng	# 95
41) Benzo(g,h,i)perylene	26.497	276	128694	0.384	ng	98

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

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