Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010722\
Data File : BN018372.D
Acq On : 07 Jan 2022 18:14
Operator : CG/JU
Sample : PB141706BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Quant Time: Jan 07 22:30:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 14:23:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	28263	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	129085	0.400	ng	-0.01
13) Acenaphthene-d10	14.243	164	62661	0.400	ng	-0.01
19) Phenanthrene-d10	16.981	188	104530	0.400	ng	#-0.01
29) Chrysene-d12	21.185	240	91622	0.400	ng	0.00
35) Perylene-d12	23.406	264	92763	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.217	112	25382	0.365	ng	-0.02
5) Phenol-d6	6.803	99	25452	0.365	ng	0.00
8) Nitrobenzene-d5	8.759	82	25202	0.382	ng	-0.01
11) 2-Methylnaphthalene-d10	11.985	152	70460	0.349	ng	-0.01
14) 2,4,6-Tribromophenol	15.741	330	6630	0.387	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	83060	0.367	ng	-0.01
27) Fluoranthene-d10	19.023	212	102601	0.344	ng	0.00
31) Terphenyl-d14	19.634	244	74316	0.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	4231	0.266	ng	# 56
3) n-Nitrosodimethylamine	3.484	42	9766	0.383	ng	93
6) bis(2-Chloroethyl)ether	7.052	93	27207	0.361	ng	99
9) Naphthalene	10.432	128	114793	0.350	ng	99
10) Hexachlorobutadiene	10.736	225	21061	0.346	ng	# 100
12) 2-Methylnaphthalene	12.061	142	71651	0.357	ng	100
16) Acenaphthylene	13.964	152	81500	0.328	ng	100
17) Acenaphthene	14.307	154	60469	0.348	ng	100
18) Fluorene	15.296	166	68723	0.352	ng	98
20) 4,6-Dinitro-2-methylph...	15.411	198	382	0.249	ng	# 54
21) 4-Bromophenyl-phenylether	16.190	248	19892	0.346	ng	97
22) Hexachlorobenzene	16.300	284	26574	0.347	ng	# 91
23) Atrazine	16.458	200	11417	0.326	ng	# 89
24) Pentachlorophenol	16.665	266	3648	0.451	ng	99
25) Phenanthrene	17.030	178	103376	0.352	ng	100
26) Anthracene	17.115	178	79994	0.329	ng	100
28) Fluoranthene	19.053	202	111732	0.358	ng	# 96
30) Pyrene	19.415	202	111833	0.345	ng	100
32) Benzo(a)anthracene	21.164	228	92180	0.341	ng	98
33) Chrysene	21.217	228	108464	0.354	ng	99
34) Bis(2-ethylhexyl)phtha...	21.111	149	41191	0.381	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.661	276	109059	0.370	ng	# 89
37) Benzo(b)fluoranthene	22.738	252	103397	0.344	ng	# 96
38) Benzo(k)fluoranthene	22.779	252	105324	0.358	ng	# 96
39) Benzo(a)pyrene	23.310	252	96260	0.346	ng	# 94
40) Dibenzo(a,h)anthracene	25.679	278	83043	0.361	ng	# 94
41) Benzo(g,h,i)perylene	26.349	276	94372	0.350	ng	# 92

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

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