Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016340.D
Acq On : 20 Sep 2021 12:01
Operator : CG/JU
Sample : PB139183BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139183BSD

Manual Integrations APPROVED
mohammad
9/21/2021 11:30:12 AM

Quant Time: Sep 20 12:43:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	25627	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	110597	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	57268	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	111199	0.400	ng		0.00
29) Chrysene-d12	21.259	240	119754	0.400	ng		0.00
35) Perylene-d12	23.522	264	111380	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	25751	0.400	ng		-0.02
5) Phenol-d6	6.867	99	29670	0.381	ng		0.00
8) Nitrobenzene-d5	8.822	82	28968	0.441	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	66284	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	6436	0.383	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	93833	0.419	ng		0.00
27) Fluoranthene-d10	19.097	212	130924	0.407	ng		0.00
31) Terphenyl-d14	19.708	244	111736	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	4621m	0.434	ng		
3) n-Nitrosodimethylamine	3.622	42	10503m	0.431	ng		
6) bis(2-Chloroethyl)ether	7.126	93	29645	0.427	ng		94
9) Naphthalene	10.508	128	119942	0.403	ng		100
10) Hexachlorobutadiene	10.799	225	22929	0.405	ng	#	99
12) 2-Methylnaphthalene	12.122	142	77673	0.393	ng		99
16) Acenaphthylene	14.027	152	91622	0.344	ng		99
17) Acenaphthene	14.370	154	65004	0.393	ng		99
18) Fluorene	15.359	166	80399	0.392	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	2292	0.533	ng	#	67
21) 4-Bromophenyl-phenylether	16.263	248	25049	0.385	ng		97
22) Hexachlorobenzene	16.360	284	24993	0.407	ng	#	91
23) Atrazine	16.543	200	17232	0.289	ng		98
24) Pentachlorophenol	16.713	266	8456	0.408	ng		98
25) Phenanthrene	17.102	178	130920	0.417	ng		99
26) Anthracene	17.188	178	111361	0.366	ng		99
28) Fluoranthene	19.127	202	154702	0.427	ng		99
30) Pyrene	19.489	202	155835	0.411	ng		99
32) Benzo(a)anthracene	21.238	228	154827	0.402	ng		97
33) Chrysene	21.291	228	159662	0.429	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	52501	0.253	ng		98
36) Indeno(1,2,3-cd)pyrene	25.818	276	127972	0.356	ng		99
37) Benzo(b)fluoranthene	22.841	252	157111	0.444	ng		99
38) Benzo(k)fluoranthene	22.885	252	156434	0.460	ng	#	98
39) Benzo(a)pyrene	23.419	252	132895	0.415	ng		98
40) Dibenzo(a,h)anthracene	25.842	278	108736	0.356	ng		97
41) Benzo(g,h,i)perylene	26.517	276	104407	0.344	ng		95

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

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