Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032921\
Data File : BN014134.D
Acq On : 29 Mar 2021 19:31
Operator : CG/JU
Sample : PB135424BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135424BS

Manual Integrations APPROVED
mohammad
3/30/2021 12:40:50 PM

Quant Time: Mar 30 04:59:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 12:24:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	6053	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	21398	0.40	ng	#	0.00
13) Acenaphthene-d10	14.308	164	10634	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	19660	0.40	ng		0.01
29) Chrysene-d12	21.226	240	16907	0.40	ng	#	0.00
36) Perylene-d12	23.428	264	16584	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	6217	0.40	ng		0.00
5) Phenol-d6	6.855	99	7629	0.39	ng		0.00
8) Nitrobenzene-d5	8.832	82	5461	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.053	152	13032	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1126	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	16728	0.42	ng		0.00
27) Fluoranthene-d10	19.076	212	20762	0.40	ng		0.00
31) Terphenyl-d14	19.677	244	16241	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	3088	0.40	ng		97
3) n-Nitrosodimethylamine	3.569	42	1938	0.32	ng	#	94
6) bis(2-Chloroethyl)ether	7.120	93	6476	0.41	ng		100
9) Naphthalene	10.505	128	21801	0.41	ng		99
10) Hexachlorobutadiene	10.796	225	4070	0.42	ng	#	99
12) 2-Methylnaphthalene	12.124	142	13953	0.40	ng		99
16) Acenaphthylene	14.029	152	14787	0.36	ng		100
17) Acenaphthene	14.372	154	11498	0.39	ng		98
18) Fluorene	15.361	166	13992	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.437	198	741	0.30	ng		91
21) 4-Bromophenyl-phenylether	16.252	248	4152	0.41	ng		94
22) Hexachlorobenzene	16.361	284	4668	0.41	ng		100
23) Atrazine	16.519	200	2377	0.34	ng		99
24) Pentachlorophenol	16.702	266	1322	0.38	ng		94
25) Phenanthrene	17.091	178	21647	0.41	ng		100
26) Anthracene	17.177	178	17228	0.39	ng		100
28) Fluoranthene	19.106	202	22308	0.40	ng		100
30) Pyrene	19.469	202	22771	0.41	ng		100
32) Benzo(a)anthracene	21.215	228	19108	0.41	ng		99
33) Chrysene	21.258	228	22410	0.43	ng		100
34) Bis(2-ethylhexyl)phtha...	21.141	149	5164	0.36	ng	#	99
35) Indeno(1,2,3-cd)pyrene	25.622	276	26565	0.49	ng		99
37) Benzo(b)fluoranthene	22.768	252	24275m	0.42	ng		
38) Benzo(k)fluoranthene	22.812	252	23118	0.40	ng		99
39) Benzo(a)pyrene	23.332	252	20936	0.42	ng	#	97
40) Dibenzo(a,h)anthracene	25.639	278	22450	0.43	ng		99
41) Benzo(g,h,i)perylene	26.300	276	24163	0.44	ng		99

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

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