Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040821\
Data File : BN014242.D
Acq On : 08 Apr 2021 18:25
Operator : CG/JU
Sample : PB135178BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135178BS

Manual Integrations APPROVED
mohammad
4/9/2021 11:17:37 AM

Quant Time: Apr 09 02:29:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 08 01:18:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	8378	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	32692	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	19754	0.40	ng	-0.01
19) Phenanthrene-d10	17.091	188	41722	0.40	ng	#-0.01
29) Chrysene-d12	21.290	240	40603	0.40	ng	#-0.01
36) Perylene-d12	23.528	264	39636	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	8367	0.37	ng	0.00
5) Phenol-d6	6.887	99	10921	0.36	ng	0.00
8) Nitrobenzene-d5	8.870	82	8028	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	22363	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	3012	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	30093	0.44	ng	0.00
27) Fluoranthene-d10	19.131	212	48510	0.39	ng	0.00
31) Terphenyl-d14	19.737	244	39303	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	3920	0.42	ng	# 83
3) n-Nitrosodimethylamine	3.641	42	1522	0.34	ng	# 64
6) bis(2-Chloroethyl)ether	7.161	93	8557	0.42	ng	93
9) Naphthalene	10.543	128	34357	0.42	ng	99
10) Hexachlorobutadiene	10.847	225	6851	0.43	ng	# 99
12) 2-Methylnaphthalene	12.164	142	23811	0.40	ng	100
16) Acenaphthylene	14.067	152	29489	0.33	ng	100
17) Acenaphthene	14.410	154	22340	0.40	ng	99
18) Fluorene	15.399	166	27880	0.38	ng	100
20) 4,6-Dinitro-2-methylph...	15.475	198	1587	0.42	ng	93
21) 4-Bromophenyl-phenylether	16.300	248	9231	0.40	ng	# 80
22) Hexachlorobenzene	16.410	284	11372	0.46	ng	95
23) Atrazine	16.568	200	6030	0.27	ng	# 92
24) Pentachlorophenol	16.751	266	2973m	0.29	ng	
25) Phenanthrene	17.140	178	47154	0.43	ng	99
26) Anthracene	17.225	178	39042	0.36	ng	100
28) Fluoranthene	19.161	202	52588	0.41	ng	99
30) Pyrene	19.523	202	53469	0.41	ng	100
32) Benzo(a)anthracene	21.269	228	48551	0.38	ng	99
33) Chrysene	21.322	228	53994	0.43	ng	98
34) Bis(2-ethylhexyl)phtha...	21.215	149	13739	0.17	ng	99
35) Indeno(1,2,3-cd)pyrene	25.787	276	67829	0.44	ng	100
37) Benzo(b)fluoranthene	22.857	252	55385	0.43	ng	97
38) Benzo(k)fluoranthene	22.901	252	59232	0.47	ng	97
39) Benzo(a)pyrene	23.428	252	48397	0.41	ng	# 92
40) Dibenzo(a,h)anthracene	25.800	278	56375	0.46	ng	98
41) Benzo(g,h,i)perylene	26.475	276	55167	0.44	ng	98

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

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