Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
Data File : BN015380.D
Acq On : 07 Jul 2021 19:02
Operator : CG/JU
Sample : PB137465BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB137465BS

Manual Integrations APPROVED
mohammad
7/8/2021 9:14:17 AM

Quant Time: Jul 08 01:23:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 11:11:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19266	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	85303	0.40	ng	# 0.01
13) Acenaphthene-d10	14.332	164	45363	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	84423	0.40	ng	# 0.01
29) Chrysene-d12	21.291	240	79871	0.40	ng	0.00
35) Perylene-d12	23.532	264	79310	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	23491	0.48	ng	0.00
5) Phenol-d6	6.896	99	28875	0.47	ng	0.00
8) Nitrobenzene-d5	8.861	82	25615	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	55005	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7764	0.62	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	71083	0.39	ng	0.00
27) Fluoranthene-d10	19.123	212	97534	0.39	ng	0.00
31) Terphenyl-d14	19.728	244	71789	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	4158m	0.46	ng	
3) n-Nitrosodimethylamine	3.668	42	6725	0.40	ng	# 79
6) bis(2-Chloroethyl)ether	7.154	93	24506	0.40	ng	# 85
9) Naphthalene	10.533	128	96835	0.40	ng	97
10) Hexachlorobutadiene	10.825	225	18432	0.40	ng	# 99
12) 2-Methylnaphthalene	12.150	142	63578	0.40	ng	# 90
16) Acenaphthylene	14.053	152	83612	0.42	ng	98
17) Acenaphthene	14.396	154	55915	0.40	ng	97
18) Fluorene	15.385	166	67376	0.39	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	2484	1.37	ng	# 53
21) 4-Bromophenyl-phenylether	16.287	248	20613	0.39	ng	# 93
22) Hexachlorobenzene	16.397	284	23141	0.38	ng	# 92
23) Atrazine	16.555	200	15545	0.51	ng	93
24) Pentachlorophenol	16.738	266	7097	0.89	ng	99
25) Phenanthrene	17.127	178	106112	0.39	ng	99
26) Anthracene	17.212	178	93144	0.40	ng	99
28) Fluoranthene	19.152	202	117744	0.40	ng	# 97
30) Pyrene	19.520	202	117576	0.39	ng	99
32) Benzo(a)anthracene	21.270	228	112826	0.41	ng	98
33) Chrysene	21.323	228	113842	0.38	ng	97
34) Bis(2-ethylhexyl)phtha...	21.206	149	55834	0.70	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.781	276	121775	0.43	ng	# 88
37) Benzo(b)fluoranthene	22.858	252	119128	0.38	ng	# 89
38) Benzo(k)fluoranthene	22.903	252	123046	0.37	ng	# 94
39) Benzo(a)pyrene	23.433	252	109935	0.39	ng	# 73
40) Dibenzo(a,h)anthracene	25.792	278	99211	0.45	ng	# 91
41) Benzo(g,h,i)perylene	26.469	276	101789	0.41	ng	# 89

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

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