Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015294.D
Acq On : 02 Jul 2021 13:54
Operator : CG/JU
Sample : PB137359BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB137359BS

Manual Integrations APPROVED
mohammad
7/6/2021 10:02:48 AM

Quant Time: Jul 02 14:22:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	20283	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	89292	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	45925	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	85249	0.40	ng	0.00
29) Chrysene-d12	21.291	240	65586	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	55608	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	22789	0.44	ng	0.00
5) Phenol-d6	6.904	99	27292	0.42	ng	0.00
8) Nitrobenzene-d5	8.860	82	22336	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	57217	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4888	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	73917	0.40	ng	0.00
27) Fluoranthene-d10	19.127	212	93389	0.37	ng	0.00
31) Terphenyl-d14	19.733	244	67714	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	3486m	0.37	ng	
3) n-Nitrosodimethylamine	3.696	42	6889	0.39	ng	# 75
6) bis(2-Chloroethyl)ether	7.163	93	26447	0.41	ng	# 84
9) Naphthalene	10.546	128	102642	0.40	ng	97
10) Hexachlorobutadiene	10.837	225	19193	0.40	ng	# 99
12) 2-Methylnaphthalene	12.158	142	66014	0.40	ng	# 88
16) Acenaphthylene	14.066	152	77780	0.38	ng	98
17) Acenaphthene	14.408	154	55340	0.39	ng	99
18) Fluorene	15.398	166	67330	0.39	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	254	0.35	ng	91
21) 4-Bromophenyl-phenylether	16.287	248	20619	0.38	ng	89
22) Hexachlorobenzene	16.397	284	24021	0.39	ng	# 92
23) Atrazine	16.555	200	12206	0.43	ng	94
24) Pentachlorophenol	16.750	266	2851	0.51	ng	99
25) Phenanthrene	17.127	178	108050	0.39	ng	99
26) Anthracene	17.224	178	86775	0.37	ng	99
28) Fluoranthene	19.157	202	115835	0.39	ng	# 97
30) Pyrene	19.524	202	114068	0.46	ng	99
32) Benzo(a)anthracene	21.280	228	84851	0.38	ng	96
33) Chrysene	21.323	228	95956	0.39	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	34516	0.57	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.798	276	59935	0.30	ng	# 89
37) Benzo(b)fluoranthene	22.865	252	90014	0.41	ng	# 87
38) Benzo(k)fluoranthene	22.909	252	89840	0.39	ng	# 94
39) Benzo(a)pyrene	23.440	252	76721	0.38	ng	# 59
40) Dibenzo(a,h)anthracene	25.812	278	43754	0.28	ng	# 90
41) Benzo(g,h,i)perylene	26.486	276	56553	0.33	ng	# 88

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

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