Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015295.D
Acq On : 02 Jul 2021 14:30
Operator : CG/JU
Sample : PB137376BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB137376BS

Manual Integrations APPROVED
mohammad
7/6/2021 10:02:55 AM

Quant Time: Jul 02 15:06:13 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	7.735	152	20595	0.40	ng		# 0.00
7) Naphthalene-d8	10.495	136	90610	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	47200	0.40	ng		0.00
19) Phenanthrene-d10	17.090	188	89317	0.40	ng		0.00
29) Chrysene-d12	21.291	240	68799	0.40	ng		#-0.01
35) Perylene-d12	23.539	264	58940	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.356	112	23538	0.45	ng		0.00
5) Phenol-d6	6.905	99	28376	0.43	ng		0.00
8) Nitrobenzene-d5	8.860	82	22908	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	58798	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	5235	0.48	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	74989	0.39	ng		0.00
27) Fluoranthene-d10	19.127	212	98379	0.37	ng		0.00
31) Terphenyl-d14	19.733	244	71213	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.345	88	3528m	0.37	ng		
3) n-Nitrosodimethylamine	3.696	42	6957	0.38	ng	#	76
6) bis(2-Chloroethyl)ether	7.163	93	26675	0.41	ng	#	85
9) Naphthalene	10.546	128	104388	0.40	ng		97
10) Hexachlorobutadiene	10.837	225	19481	0.40	ng	#	98
12) 2-Methylnaphthalene	12.158	142	67684	0.41	ng	#	89
16) Acenaphthylene	14.066	152	80836	0.39	ng		98
17) Acenaphthene	14.408	154	57397	0.39	ng		99
18) Fluorene	15.398	166	70268	0.39	ng		98
20) 4,6-Dinitro-2-methylph...	15.474	198	276	0.36	ng		89
21) 4-Bromophenyl-phenylether	16.287	248	21485	0.38	ng	#	88
22) Hexachlorobenzene	16.397	284	24683	0.38	ng	#	92
23) Atrazine	16.555	200	13175	0.44	ng		94
24) Pentachlorophenol	16.750	266	3097	0.52	ng		100
25) Phenanthrene	17.127	178	111810	0.39	ng		99
26) Anthracene	17.224	178	91963	0.37	ng		99
28) Fluoranthene	19.157	202	121411	0.39	ng	#	97
30) Pyrene	19.520	202	120043	0.46	ng		99
32) Benzo(a)anthracene	21.270	228	93445	0.40	ng		98
33) Chrysene	21.323	228	101894	0.40	ng		98
34) Bis(2-ethylhexyl)phtha...	21.217	149	40905	0.62	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.795	276	64254	0.30	ng	#	89
37) Benzo(b)fluoranthene	22.861	252	94334	0.41	ng	#	87
38) Benzo(k)fluoranthene	22.906	252	95016	0.39	ng	#	94
39) Benzo(a)pyrene	23.440	252	80964	0.38	ng	#	50
40) Dibenzo(a,h)anthracene	25.812	278	47129	0.28	ng	#	90
41) Benzo(g,h,i)perylene	26.483	276	60663	0.33	ng	#	88

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

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