Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051021\
Data File : BN014553.D
Acq On : 10 May 2021 12:35
Operator : CG/JU
Sample : PB136257BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136257BS

Manual Integrations APPROVED
mohammad
5/11/2021 2:31:27 PM

Quant Time: May 10 13:23:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	798	0.40	ng		# 0.00
7) Naphthalene-d8	10.543	136	2905	0.40	ng		# 0.00
13) Acenaphthene-d10	14.397	164	1902	0.40	ng		0.00
19) Phenanthrene-d10	17.141	188	4220	0.40	ng		#-0.01
29) Chrysene-d12	21.346	240	5190	0.40	ng		0.00
35) Perylene-d12	23.623	264	5042	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.349	112	761	0.34	ng		0.00
5) Phenol-d6	6.919	99	1037	0.33	ng		0.00
8) Nitrobenzene-d5	8.895	82	769	0.32	ng		-0.01
11) 2-Methylnaphthalene-d10	12.138	152	2456	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.894	330	243	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	2587	0.37	ng		-0.01
27) Fluoranthene-d10	19.183	212	6201	0.34	ng		0.00
31) Terphenyl-d14	19.789	244	4743	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	373	0.37	ng		94
3) n-Nitrosodimethylamine	3.698	42	9	0.03	ng	#	1
6) bis(2-Chloroethyl)ether	7.185	93	812	0.36	ng		93
9) Naphthalene	10.594	128	2791	0.36	ng	#	93
10) Hexachlorobutadiene	10.885	225	680	0.37	ng	#	98
12) 2-Methylnaphthalene	12.209	142	1936	0.35	ng	#	90
16) Acenaphthylene	14.118	152	2299	0.31	ng		98
17) Acenaphthene	14.460	154	1823	0.36	ng		99
18) Fluorene	15.450	166	2405	0.35	ng		99
20) 4,6-Dinitro-2-methylph...	15.526	198	141	0.47	ng	#	1
21) 4-Bromophenyl-phenylether	16.350	248	909	0.35	ng		93
22) Hexachlorobenzene	16.459	284	1006	0.38	ng		92
23) Atrazine	16.617	200	470	0.26	ng		89
24) Pentachlorophenol	16.800	266	240	0.26	ng	#	34
25) Phenanthrene	17.189	178	4099	0.36	ng		99
26) Anthracene	17.275	178	3309	0.32	ng		100
28) Fluoranthene	19.213	202	4975	0.35	ng		97
30) Pyrene	19.576	202	5080	0.35	ng		99
32) Benzo(a)anthracene	21.324	228	5136	0.33	ng		98
33) Chrysene	21.378	228	5789	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	21.271	149	1209	0.22	ng	#	77
36) Indeno(1,2,3-cd)pyrene	25.933	276	7287	0.38	ng	#	91
37) Benzo(b)fluoranthene	22.938	252	6309m	0.38	ng		
38) Benzo(k)fluoranthene	22.983	252	6185	0.38	ng		96
39) Benzo(a)pyrene	23.527	252	5046	0.35	ng	#	93
40) Dibenzo(a,h)anthracene	25.950	278	6323	0.38	ng	#	95
41) Benzo(g,h,i)perylene	26.635	276	6063	0.37	ng	#	90

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

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