Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016453.D
Acq On : 25 Sep 2021 01:50
Operator : CG/JU
Sample : PB139115BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139115BSD

Quant Time: Sep 25 05:06:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24455	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	102207	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	52970	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	101613	0.40	ng	0.00
29) Chrysene-d12	21.249	240	101129	0.40	ng	0.00
35) Perylene-d12	23.512	264	93777	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	19924	0.36	ng	0.00
5) Phenol-d6	6.849	99	23195	0.36	ng	0.00
8) Nitrobenzene-d5	8.810	82	27952	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	56925	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4832	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	80555	0.36	ng	-0.01
27) Fluoranthene-d10	19.088	212	107656	0.39	ng	0.00
31) Terphenyl-d14	19.698	244	89962	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	4194	0.40	ng	# 82
3) n-Nitrosodimethylamine	3.622	42	10383	0.41	ng	# 70
6) bis(2-Chloroethyl)ether	7.108	93	25909	0.40	ng	93
9) Naphthalene	10.483	128	102335	0.38	ng	99
10) Hexachlorobutadiene	10.774	225	21083	0.39	ng	# 99
12) 2-Methylnaphthalene	12.105	142	66036	0.38	ng	99
16) Acenaphthylene	14.015	152	79735	0.37	ng	99
17) Acenaphthene	14.358	154	56186	0.37	ng	98
18) Fluorene	15.347	166	66730	0.36	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	1519	0.28	ng	# 70
21) 4-Bromophenyl-phenylether	16.251	248	21531	0.36	ng	# 94
22) Hexachlorobenzene	16.348	284	22319	0.38	ng	# 90
23) Atrazine	16.519	200	13160	0.37	ng	# 92
24) Pentachlorophenol	16.701	266	5516	0.43	ng	98
25) Phenanthrene	17.091	178	111017	0.37	ng	99
26) Anthracene	17.176	178	87872	0.35	ng	99
28) Fluoranthene	19.118	202	131281	0.40	ng	99
30) Pyrene	19.480	202	126663	0.40	ng	99
32) Benzo(a)anthracene	21.238	228	112147	0.38	ng	99
33) Chrysene	21.281	228	126192	0.40	ng	98
34) Bis(2-ethylhexyl)phtha...	21.185	149	35054	0.44	ng	97
36) Indeno(1,2,3-cd)pyrene	25.805	276	110630	0.36	ng	100
37) Benzo(b)fluoranthene	22.831	252	111205	0.35	ng	98
38) Benzo(k)fluoranthene	22.875	252	120775	0.40	ng	# 98
39) Benzo(a)pyrene	23.413	252	95004	0.37	ng	# 96
40) Dibenzo(a,h)anthracene	25.826	278	92402	0.36	ng	96
41) Benzo(g,h,i)perylene	26.504	276	90682	0.34	ng	95

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

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