Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016840.D
Acq On : 08 Oct 2021 12:21
Operator : CG/JU
Sample : M4045-08MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MSD

Manual Integrations APPROVED
mohammad
10/11/2021 2:10:02 PM

Quant Time: Oct 08 14:59:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	20740	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	95025	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	50105	0.40	ng	0.00
19) Phenanthrene-d10	17.005	188	96146	0.40	ng	0.00
29) Chrysene-d12	21.206	240	99689	0.40	ng	#-0.01
35) Perylene-d12	23.450	264	108570	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	14781	0.29	ng	0.04
5) Phenol-d6	6.812	99	16335	0.28	ng	0.02
8) Nitrobenzene-d5	8.759	82	17462	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	46688	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	6571	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	51254	0.25	ng	0.00
27) Fluoranthene-d10	19.043	212	81112	0.30	ng	0.00
31) Terphenyl-d14	19.653	244	64122	0.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	4988m	0.54	ng	
3) n-Nitrosodimethylamine	3.557	42	6260	0.38	ng	# 92
6) bis(2-Chloroethyl)ether	7.052	93	22171	0.39	ng	99
9) Naphthalene	10.432	128	98027	0.38	ng	100
10) Hexachlorobutadiene	10.723	225	17180	0.35	ng	# 100
12) 2-Methylnaphthalene	12.051	142	66618	0.40	ng	100
16) Acenaphthylene	13.964	152	83030	0.38	ng	99
17) Acenaphthene	14.306	154	53240	0.36	ng	99
18) Fluorene	15.296	166	65899	0.37	ng	99
20) 4,6-Dinitro-2-methylph...	15.385	198	1896	0.28	ng	# 73
21) 4-Bromophenyl-phenylether	16.202	248	21998	0.37	ng	93
22) Hexachlorobenzene	16.311	284	23715	0.35	ng	99
23) Atrazine	16.482	200	17628	0.37	ng	99
24) Pentachlorophenol	16.652	266	2732	0.19	ng	99
25) Phenanthrene	17.042	178	157141	0.55	ng	100
26) Anthracene	17.127	178	102262	0.40	ng	100
28) Fluoranthene	19.072	202	240097	0.75	ng	100
30) Pyrene	19.435	202	222655	0.73	ng	98
32) Benzo(a)anthracene	21.195	228	175042	0.57	ng	98
33) Chrysene	21.248	228	171757	0.55	ng	97
34) Bis(2-ethylhexyl)phtha...	21.142	149	119249	0.76	ng	98
36) Indeno(1,2,3-cd)pyrene	25.716	276	195360	0.48	ng	98
37) Benzo(b)fluoranthene	22.776	252	199734	0.58	ng	100
38) Benzo(k)fluoranthene	22.820	252	153929	0.46	ng	98
39) Benzo(a)pyrene	23.351	252	170948	0.54	ng	100
40) Dibenzo(a,h)anthracene	25.736	278	137858	0.41	ng	100
41) Benzo(g,h,i)perylene	26.404	276	174317	0.49	ng	100

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

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