Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016718.D
Acq On : 04 Oct 2021 20:11
Operator : CG/JU
Sample : M3829-11MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D2-20210917MS

Manual Integrations APPROVED
mohammad
10/5/2021 12:08:32 PM

Quant Time: Oct 05 03:34:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28559	0.40	ng		0.00
7) Naphthalene-d8	10.406	136	131014	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	68876	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	128874	0.40	ng		0.00
29) Chrysene-d12	21.238	240	123133	0.40	ng		0.00
35) Perylene-d12	23.491	264	124939	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	7363	0.10	ng		0.03
5) Phenol-d6	6.831	99	4574	0.06	ng		0.00
8) Nitrobenzene-d5	8.784	82	21236	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	65930m	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	8600	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	69574	0.25	ng		0.00
27) Fluoranthene-d10	19.068	212	118419	0.34	ng		0.00
31) Terphenyl-d14	19.678	244	102201	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	56987m	4.28	ng		
3) n-Nitrosodimethylamine	3.585	42	2174	0.10	ng	#	91
6) bis(2-Chloroethyl)ether	7.080	93	27907	0.36	ng		100
9) Naphthalene	10.457	128	100881	0.28	ng		100
10) Hexachlorobutadiene	10.749	225	15956	0.24	ng	#	99
12) 2-Methylnaphthalene	12.078	142	66481	0.29	ng		99
16) Acenaphthylene	13.989	152	85710	0.28	ng		100
17) Acenaphthene	14.332	154	56582	0.28	ng		99
18) Fluorene	15.322	166	71096	0.29	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	2934	0.53	ng	#	70
21) 4-Bromophenyl-phenylether	16.226	248	23120	0.29	ng		98
22) Hexachlorobenzene	16.336	284	25908	0.29	ng		100
23) Atrazine	16.506	200	18223	0.29	ng		100
24) Pentachlorophenol	16.689	266	19707	0.79	ng		98
25) Phenanthrene	17.066	178	125298	0.33	ng		100
26) Anthracene	17.163	178	109142	0.32	ng		99
28) Fluoranthene	19.098	202	157010	0.37	ng		100
30) Pyrene	19.465	202	159763	0.39	ng		100
32) Benzo(a)anthracene	21.217	228	159737	0.42	ng		99
33) Chrysene	21.270	228	165478	0.43	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	107303	0.46	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	186323	0.47	ng		99
37) Benzo(b)fluoranthene	22.813	252	168548	0.42	ng		99
38) Benzo(k)fluoranthene	22.858	252	172220	0.44	ng		99
39) Benzo(a)pyrene	23.392	252	156439	0.43	ng		99
40) Dibenzo(a,h)anthracene	25.795	278	149023	0.47	ng		98
41) Benzo(g,h,i)perylene	26.472	276	161956	0.46	ng		99

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

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