Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016738.D
Acq On : 05 Oct 2021 09:24
Operator : CG/JU
Sample : M3829-22MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW202D-20210918MS

Quant Time: Oct 05 10:50:09 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	24925	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	114489	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	61665	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	120752	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	122007	0.40	ng	0.00
35) Perylene-d12	23.488	264	132117	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	7651	0.12	ng	0.02
5) Phenol-d6	6.831	99	5022	0.07	ng	0.00
8) Nitrobenzene-d5	8.784	82	18754	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	45752	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10080	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	58591	0.24	ng	-0.01
27) Fluoranthene-d10	19.068	212	132586	0.40	ng	0.00
31) Terphenyl-d14	19.678	244	111500	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.262	88	5654	0.49	ng	# 64
3) n-Nitrosodimethylamine	3.585	42	1914	0.10	ng	# 73
6) bis(2-Chloroethyl)ether	7.080	93	19274	0.28	ng	99
9) Naphthalene	10.457	128	83656	0.27	ng	100
10) Hexachlorobutadiene	10.749	225	13616	0.23	ng	# 100
12) 2-Methylnaphthalene	12.078	142	55682	0.28	ng	98
16) Acenaphthylene	13.989	152	76694	0.28	ng	100
17) Acenaphthene	14.332	154	48553	0.27	ng	99
18) Fluorene	15.322	166	64469	0.30	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	2507	0.51	ng	# 69
21) 4-Bromophenyl-phenylether	16.226	248	22145	0.30	ng	# 90
22) Hexachlorobenzene	16.336	284	24100	0.29	ng	99
23) Atrazine	16.506	200	23313	0.40	ng	97
24) Pentachlorophenol	16.677	266	24767	0.95	ng	99
25) Phenanthrene	17.066	178	123693	0.35	ng	100
26) Anthracene	17.151	178	112825	0.36	ng	99
28) Fluoranthene	19.097	202	166943	0.42	ng	99
30) Pyrene	19.460	202	172958	0.43	ng	100
32) Benzo(a)anthracene	21.217	228	177570	0.47	ng	99
33) Chrysene	21.270	228	176795	0.46	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	146873	0.64	ng	99
36) Indeno(1,2,3-cd)pyrene	25.771	276	222185	0.53	ng	100
37) Benzo(b)fluoranthene	22.810	252	197998	0.46	ng	99
38) Benzo(k)fluoranthene	22.858	252	189094	0.46	ng	99
39) Benzo(a)pyrene	23.388	252	182786	0.48	ng	100
40) Dibenzo(a,h)anthracene	25.795	278	179386	0.54	ng	100
41) Benzo(g,h,i)perylene	26.466	276	194250	0.52	ng	100

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

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