Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
Data File : BN000203.D
Acq On : 28 Feb 2018 13:00
Operator : JU/SJ
Sample : MDL-S-05
Misc : 0.07PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-05

Manual Integrations APPROVED
Sohil
2/28/2018 5:42:19 PM

Quant Time: Feb 28 17:21:09 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	4822	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	18556	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	9386	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	23110	0.40	ng		0.00
27) Chrysene-d12	21.90	240	18071	0.40	ng		0.00
34) Perylene-d12	24.37	264	14692	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	3494	0.34	ng		0.00
5) Phenol-d6	7.58	99	4299	0.33	ng		0.00
8) Nitrobenzene-d5	9.63	82	3589	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.85	152	10365	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	952	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	15917	0.36	ng		0.00
25) Fluoranthene-d10	19.77	212	21197	0.34	ng		0.00
29) Terphenyl-d14	20.34	244	12308	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	294	0.059	ng	#	80
3) n-Nitrosodimethylamine	4.06	42	105	0.124	ng	#	77
6) bis(2-Chloroethyl)ether	7.85	93	949	0.058	ng		99
9) Naphthalene	11.34	128	3183m	0.059	ng		
10) Hexachlorobutadiene	11.62	225	538	0.058	ng		99
12) 2-Methylnaphthalene	12.92	142	2056	0.058	ng		98
16) Acenaphthylene	14.78	152	2221	0.050	ng		99
17) Acenaphthene	15.13	154	1965	0.056	ng		95
18) Fluorene	16.10	166	2418	0.056	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	672	0.050	ng	#	79
21) Hexachlorobenzene	17.09	284	957	0.054	ng		94
22) Pentachlorophenol	17.43	266	214	0.133	ng	#	83
23) Phenanthrene	17.82	178	4511	0.055	ng		96
24) Anthracene	17.91	178	2963	0.048	ng		96
26) Fluoranthene	19.80	202	4486	0.053	ng	#	96
28) Pyrene	20.15	202	4433	0.062	ng		99
30) Benzo(a)anthracene	21.88	228	3171	0.056	ng		97
31) Chrysene	21.93	228	3939	0.059	ng		97
32) Bis(2-ethylhexyl)phthalate	21.76	149	1534	0.072	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.92	276	3259	0.052	ng	#	89
35) Benzo(b)fluoranthene	23.61	252	3921	0.058	ng	#	82
36) Benzo(k)fluoranthene	23.66	252	3481	0.053	ng	#	58
37) Benzo(a)pyrene	24.26	252	2765	0.051	ng	#	47
38) Dibenzo(a,h)anthracene	26.93	278	2411	0.050	ng	#	69
39) Benzo(g,h,i)perylene	27.70	276	3314	0.058	ng	#	77

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

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