Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100219\
Data File : BN007972.D
Acq On : 02 Oct 2019 19:05
Operator : JU
Sample : K5078-08DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW072-092619DL

Manual Integrations APPROVED
mohammad
10/4/2019 8:16:35 AM

Quant Time: Oct 03 12:43:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5858	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	24413	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	15802	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	34152	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	35927	0.40	ng		0.00
34) Perylene-d12	23.47	264	38765	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1989	0.10	ng		0.00
5) Phenol-d6	6.87	99	2660	0.10	ng		0.00
8) Nitrobenzene-d5	8.82	82	2300	0.11	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	4698	0.11	ng		-0.01
14) 2,4,6-Tribromophenol	15.80	330	917	0.11	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	6466	0.10	ng		-0.02
25) Fluoranthene-d10	19.10	212	12310	0.11	ng		-0.01
29) Terphenyl-d14	19.70	244	10177	0.12	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.51	128	2996	0.044	ng	#	85
12) 2-Methylnaphthalene	12.13	142	2752	0.059	ng	#	94
16) Acenaphthylene	14.03	152	26907	0.321	ng		99
17) Acenaphthene	14.38	154	15776	0.292	ng		96
18) Fluorene	15.37	166	22905	0.331	ng		97
23) Phenanthrene	17.10	178	464105	4.362	ng		100
24) Anthracene	17.18	178	61578	0.641	ng	#	96
26) Fluoranthene	19.12	202	693226	5.240	ng		99
28) Pyrene	19.49	202	572065	4.669	ng		96
30) Benzo(a)anthracene	21.24	228	242772	1.835	ng		98
31) Chrysene	21.29	228	258151	2.002	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	21206	0.312	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.68	276	161235	0.999	ng		95
35) Benzo(b)fluoranthene	22.82	252	332457	2.470	ng		99
36) Benzo(k)fluoranthene	22.85	252	108189m	0.813	ng		
37) Benzo(a)pyrene	23.38	252	213557	1.689	ng		100
38) Dibenzo(a,h)anthracene	25.69	278	38054	0.294	ng	#	86
39) Benzo(g,h,i)perylene	26.36	276	159588	1.246	ng		100

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

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