Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100319\
Data File : BN007991.D
Acq On : 03 Oct 2019 21:35
Operator : JU
Sample : K5077-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Manual Integrations APPROVED
mohammad
10/7/2019 8:27:23 AM

Quant Time: Oct 04 08:41:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4804	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	20377	0.40	ng		-0.01
13) Acenaphthene-d10	14.30	164	12982	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	28283	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	30125	0.40	ng		-0.02
34) Perylene-d12	23.46	264	32836	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	5479	0.33	ng		-0.02
5) Phenol-d6	6.86	99	7953	0.39	ng		0.00
8) Nitrobenzene-d5	8.82	82	5799	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	12230	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	2518	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	16748	0.31	ng		-0.01
25) Fluoranthene-d10	19.09	212	33517	0.35	ng		-0.02
29) Terphenyl-d14	19.69	244	27371	0.37	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.49	128	24956	0.436	ng		99
12) 2-Methylnaphthalene	12.12	142	13092	0.339	ng		100
16) Acenaphthylene	14.02	152	38859	0.564	ng		99
17) Acenaphthene	14.37	154	25496	0.574	ng		96
18) Fluorene	15.36	166	54610	0.960	ng		96
23) Phenanthrene	17.09	178	889087	10.091	ng		100
24) Anthracene	17.19	178	175131	2.201	ng	#	93
26) Fluoranthene	19.12	202	1145144	10.453	ng		99
28) Pyrene	19.49	202	931806	9.069	ng	#	96
30) Benzo(a)anthracene	21.24	228	551488	4.971	ng		98
31) Chrysene	21.28	228	486062	4.496	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	8817	0.155	ng		98
33) Indeno(1,2,3-cd)pyrene	25.67	276	264921	1.957	ng		96
35) Benzo(b)fluoranthene	22.81	252	606512	5.320	ng		100
36) Benzo(k)fluoranthene	22.84	252	241418m	2.142	ng		
37) Benzo(a)pyrene	23.37	252	400144	3.735	ng		98
38) Dibenzo(a,h)anthracene	25.68	278	75434	0.688	ng		95
39) Benzo(g,h,i)perylene	26.34	276	238654	2.200	ng		99

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

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