Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
Data File : BN008044.D
Acq On : 06 Oct 2019 04:24
Operator : JU
Sample : K5078-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-B282-092619

Manual Integrations APPROVED
mohammad
10/7/2019 4:40:25 PM

Quant Time: Oct 07 07:25:21 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	7.68	152	4218	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	16931	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	10682	0.40	ng		-0.03
19) Phenanthrene-d10	17.05	188	21484	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	23309	0.40	ng		-0.02
34) Perylene-d12	23.46	264	26489	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	3386	0.23	ng		-0.02
5) Phenol-d6	6.87	99	4219	0.23	ng		0.00
8) Nitrobenzene-d5	8.81	82	3792	0.26	ng		-0.03
11) 2-Methylnaphthalene-d10	12.04	152	7812	0.27	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	1514	0.26	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	10562	0.24	ng		-0.02
25) Fluoranthene-d10	19.09	212	18873	0.26	ng		-0.02
29) Terphenyl-d14	19.69	244	15904	0.28	ng		-0.03
Target Compounds							Qvalue
9) Naphthalene	10.49	128	6068	0.128	ng	#	92
12) 2-Methylnaphthalene	12.11	142	5848	0.182	ng		97
16) Acenaphthylene	14.02	152	70507	1.245	ng		100
17) Acenaphthene	14.36	154	3588	0.098	ng		99
18) Fluorene	15.36	166	10009	0.214	ng	#	12
22) Pentachlorophenol	16.72	266	182	0.035	ng	#	79
23) Phenanthrene	17.09	178	141974	2.121	ng		100
24) Anthracene	17.18	178	52678	0.871	ng		99
26) Fluoranthene	19.11	202	270950	3.256	ng		99
28) Pyrene	19.48	202	310241	3.903	ng		97
30) Benzo(a)anthracene	21.23	228	147153	1.714	ng		92
31) Chrysene	21.28	228	187785	2.245	ng		97
32) Bis(2-ethylhexyl)phthalate	21.17	149	31697m	0.718	ng		
33) Indeno(1,2,3-cd)pyrene	25.67	276	115197	1.100	ng		96
35) Benzo(b)fluoranthene	22.80	252	219278	2.384	ng	#	94
36) Benzo(k)fluoranthene	22.84	252	71153m	0.782	ng		
37) Benzo(a)pyrene	23.36	252	148903	1.723	ng	#	96
38) Dibenzo(a,h)anthracene	25.67	278	33589	0.380	ng	#	75
39) Benzo(g,h,i)perylene	26.34	276	125038	1.429	ng		98

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

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