Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007861.D
Acq On : 25 Sep 2019 19:29
Operator : JU
Sample : K4994-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-B231-091919-1MS

Manual Integrations APPROVED

Quant Time: Sep 26 07:32:52 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	11191	0.40	ng	0.00	
7) Naphthalene-d8	10.46	136	43136	0.40	ng	-0.01	
13) Acenaphthene-d10	14.31	164	24627	0.40	ng	-0.01	
19) Phenanthrene-d10	17.06	188	44783	0.40	ng	-0.01	
27) Chrysene-d12	21.26	240	33287	0.40	ng	-0.01	
34) Perylene-d12	23.47	264	39214	0.40	ng	-0.02	mohammad
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	10547	0.27	ng	0.00	
5) Phenol-d6	6.86	99	14083	0.29	ng	0.00	
8) Nitrobenzene-d5	8.82	82	12198	0.32	ng	-0.01	9/27/2019 8:27:56 AM
11) 2-Methylnaphthalene-d10	12.05	152	25198m	0.35	ng	-0.01	
14) 2,4,6-Tribromophenol	15.81	330	2557	0.19	ng	-0.01	
15) 2-Fluorobiphenyl	12.93	172	33043	0.33	ng	-0.01	
25) Fluoranthene-d10	19.09	212	38189m	0.25	ng	-0.01	
29) Terphenyl-d14	19.70	244	31392	0.38	ng	-0.01	
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.30	88	2886	0.231	ng	# 80	
3) n-Nitrosodimethylamine	3.01	42	87924	15.390	ng	# 69	
6) bis(2-Chloroethyl)ether	7.13	93	9689	0.306	ng	94	
9) Naphthalene	10.51	128	49341	0.408	ng	99	
10) Hexachlorobutadiene	10.81	225	6849	0.269	ng	# 100	
12) 2-Methylnaphthalene	12.13	142	36321	0.444	ng	99	
16) Acenaphthylene	14.03	152	100332	0.768	ng	98	
17) Acenaphthene	14.37	154	35458	0.421	ng	95	
18) Fluorene	15.36	166	53810	0.499	ng	93	
20) 4-Bromophenyl-phenylether	16.25	248	8469	0.312	ng	# 74	
21) Hexachlorobenzene	16.37	284	8236	0.277	ng	97	
22) Pentachlorophenol	16.71	266	3844	0.351	ng	94	
23) Phenanthrene	17.10	178	968771	6.944	ng	100	
24) Anthracene	17.19	178	132931	1.055	ng	98	
26) Fluoranthene	19.12	202	932485	5.376	ng	99	
28) Pyrene	19.49	202	1419205	12.501	ng	96	
30) Benzo(a)anthracene	21.24	228	565321	4.612	ng	97	
31) Chrysene	21.29	228	660657	5.530	ng	98	
32) Bis(2-ethylhexyl)phthalate	21.19	149	35533	0.564	ng	94	
33) Indeno(1,2,3-cd)pyrene	25.68	276	340013	2.273	ng	98	
35) Benzo(b)fluoranthene	22.81	252	595597	4.375	ng	99	
36) Benzo(k)fluoranthene	22.85	252	198447m	1.474	ng		
37) Benzo(a)pyrene	23.37	252	494153	3.863	ng	98	
38) Dibenzo(a,h)anthracene	25.69	278	127280	0.972	ng	96	
39) Benzo(g,h,i)perylene	26.35	276	405875	3.133	ng	99	

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

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