Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007756.D
Acq On : 20 Sep 2019 00:09
Operator : HP/JU
Sample : K4918-13MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SB-1MS

Manual Integrations APPROVED
mohammad
9/20/2019 1:10:51 PM

Quant Time: Sep 20 03:05:08 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	7.70	152	6903	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	27864	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	19276	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	36907	0.40	ng		0.00
27) Chrysene-d12	21.26	240	41016	0.40	ng		-0.01
34) Perylene-d12	23.48	264	46702	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	4169	0.18	ng		0.00
5) Phenol-d6	6.87	99	5867	0.19	ng		0.00
8) Nitrobenzene-d5	8.83	82	5085	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	10129m	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	1698	0.16	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	14238	0.18	ng		0.00
25) Fluoranthene-d10	19.10	212	26163	0.21	ng		0.00
29) Terphenyl-d14	19.71	244	20996	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1072	0.139	ng	#	54
3) n-Nitrosodimethylamine	3.01	42	41288	11.716	ng	#	73
6) bis(2-Chloroethyl)ether	7.14	93	4636	0.237	ng		93
9) Naphthalene	10.52	128	30874	0.395	ng		100
10) Hexachlorobutadiene	10.82	225	3352	0.204	ng	#	100
12) 2-Methylnaphthalene	12.13	142	16176	0.306	ng		98
16) Acenaphthylene	14.03	152	64296	0.629	ng	#	94
17) Acenaphthene	14.38	154	23168	0.352	ng		98
18) Fluorene	15.37	166	28133	0.333	ng		98
20) 4-Bromophenyl-phenylether	16.26	248	5907	0.264	ng	#	28
21) Hexachlorobenzene	16.39	284	4851	0.198	ng	#	47
22) Pentachlorophenol	16.72	266	5062	0.561	ng	#	83
23) Phenanthrene	17.11	178	299308	2.603	ng		97
24) Anthracene	17.20	178	109321	1.053	ng		97
26) Fluoranthene	19.13	202	659405	4.612	ng		99
28) Pyrene	19.49	202	643522	4.600	ng	#	95
30) Benzo(a)anthracene	21.25	228	473420	3.134	ng		96
31) Chrysene	21.30	228	409255m	2.780	ng		
32) Bis(2-ethylhexyl)phthalate	21.20	149	54011	0.695	ng	#	88
33) Indeno(1,2,3-cd)pyrene	25.69	276	304142	1.650	ng		97
35) Benzo(b)fluoranthene	22.82	252	624967	3.855	ng		99
36) Benzo(k)fluoranthene	22.86	252	219598m	1.370	ng		
37) Benzo(a)pyrene	23.39	252	422633	2.774	ng		99
38) Dibenzo(a,h)anthracene	25.70	278	102382	0.657	ng		96
39) Benzo(g,h,i)perylene	26.37	276	292752	1.898	ng		99

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

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