Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022770.D
Acq On : 25 Sep 2019 14:13
Operator : JU
Sample : PB123301BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Manual Integrations APPROVED
mohammad
9/26/2019 3:54:44 PM

Quant Time: Sep 26 06:23:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	247866	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	944123	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	509126	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	906131	20.00	ng	0.00
76) Chrysene-d12	21.37	240	724206	20.00	ng	-0.01
87) Perylene-d12	23.64	264	659686	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1662393	106.37	ng	0.00
7) Phenol-d6	6.99	99	2044484	101.85	ng	0.00
23) Nitrobenzene-d5	8.97	82	1112308	65.40	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	688692	108.36	ng	0.00
45) 2-Fluorobiphenyl	13.07	172	2561346	69.28	ng	-0.01
79) Terphenyl-d14	19.82	244	2927319	78.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	240995	38.322	ng	# 100
3) Pyridine	3.72	79	577516	34.840	ng	99
4) n-Nitrosodimethylamine	3.62	42	257937	42.745	ng	# 96
6) Aniline	7.15	93	874580	36.336	ng	99
8) 2-Chlorophenol	7.39	128	709856	44.579	ng	99
9) Benzaldehyde	6.96	77	358296	31.348	ng	99
10) Phenol	7.02	94	807575	42.733	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	638688	43.016	ng	98
12) 1,3-Dichlorobenzene	7.71	146	786744	41.339	ng	100
13) 1,4-Dichlorobenzene	7.86	146	799853	41.514	ng	99
14) 1,2-Dichlorobenzene	8.17	146	751175	40.894	ng	100
15) Benzyl Alcohol	8.06	79	537969	42.830	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	859756	39.862	ng	100
17) 2-Methylphenol	8.26	107	539709	43.146	ng	99
18) Hexachloroethane	8.90	117	292440	41.383	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	457725	40.834	ng	99
20) 3+4-Methylphenols	8.59	107	716204	42.987	ng	98
22) Acetophenone	8.64	105	930558	39.930	ng	# 99
24) Nitrobenzene	9.02	77	683537	42.004	ng	98
25) Isophorone	9.55	82	1210972	43.302	ng	99
26) 2-Nitrophenol	9.73	139	343153	48.846	ng	98
27) 2,4-Dimethylphenol	9.79	122	597014	50.763	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	823422	42.550	ng	99
29) 2,4-Dichlorophenol	10.26	162	612977	46.100	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	697541	42.638	ng	100
31) Naphthalene	10.66	128	2004629	42.972	ng	99
32) Benzoic acid	9.93	122	351733	43.903	ng	95
33) 4-Chloroaniline	10.77	127	425265	20.996	ng	99
34) Hexachlorobutadiene	10.96	225	419924	43.060	ng	99
35) Caprolactam	11.56	113	155869m	39.541	ng	
36) 4-Chloro-3-methylphenol	11.89	107	564467	43.511	ng	97
37) 2-Methylnaphthalene	12.27	142	1404472	43.252	ng	100
38) 1-Methylnaphthalene	12.49	142	1301103	42.212	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	750731	43.517	ng	99

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QLast Update : Fri Sep 20 16:34:01 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	1020252	108.393	ng		100
43) 2,4,6-Trichlorophenol	12.89	196	460765	46.276	ng		100
44) 2,4,5-Trichlorophenol	12.95	196	486410	46.879	ng		100
46) 1,1'-Biphenyl	13.29	154	1743130	41.368	ng		99
47) 2-Chloronaphthalene	13.33	162	1331759	42.404	ng		99
48) 2-Nitroaniline	13.53	65	321705	39.337	ng		99
49) Acenaphthylene	14.17	152	2048430	44.045	ng		100
50) Dimethylphthalate	13.92	163	1524208	41.426	ng		100
51) 2,6-Dinitrotoluene	14.02	165	332215	43.166	ng		98
52) Acenaphthene	14.52	154	1239292	40.730	ng		99
53) 3-Nitroaniline	14.35	138	229010	25.848	ng		100
54) 2,4-Dinitrophenol	14.56	184	346289	82.784	ng		96
55) Dibenzofuran	14.85	168	1881688	42.361	ng		99
56) 4-Nitrophenol	14.66	139	563666	82.770	ng		97
57) 2,4-Dinitrotoluene	14.81	165	433060	42.952	ng		100
58) Fluorene	15.50	166	1494173	41.393	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	404911	44.747	ng		97
60) Diethylphthalate	15.28	149	1488266	41.600	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	779686	42.038	ng		99
62) 4-Nitroaniline	15.52	138	331964	35.738	ng		98
63) Azobenzene	15.79	77	1349875	41.782	ng		100
65) 4,6-Dinitro-2-methylphenol	15.57	198	222808	48.788	ng		94
66) n-Nitrosodiphenylamine	15.71	169	1291365	46.650	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	469582	46.593	ng		99
68) Hexachlorobenzene	16.50	284	510544	43.439	ng		99
69) Atrazine	16.66	200	382375	42.491	ng		100
70) Pentachlorophenol	16.84	266	617797	98.563	ng		99
71) Phenanthrene	17.23	178	2169150	42.425	ng		100
72) Anthracene	17.33	178	2183126	44.057	ng		100
73) Carbazole	17.59	167	1893611	41.066	ng		100
74) Di-n-butylphthalate	18.16	149	2386794	45.650	ng		100
75) Fluoranthene	19.25	202	2308140	40.006	ng		98
77) Benzidine	19.43	184	857762	43.174	ng		99
78) Pyrene	19.61	202	2334197	49.182	ng		100
80) Butylbenzylphthalate	20.51	149	935800	51.881	ng		99
81) Benzo(a)anthracene	21.36	228	2008170	42.784	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	640926	38.505	ng		100
83) Chrysene	21.41	228	1931774	42.453	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1408991	52.720	ng		100
85) Di-n-octyl phthalate	22.18	149	2194210	51.513	ng		98
86) Indeno(1,2,3-cd)pyrene	25.95	276	1983051	36.512	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1842574	46.131	ng		100
89) Benzo(k)fluoranthene	23.00	252	1812808	45.742	ng		99
90) Benzo(a)pyrene	23.54	252	1741166	47.308	ng		99
91) Dibenzo(a,h)anthracene	25.96	278	1677695	43.579	ng		99
92) Benzo(g,h,i)perylene	26.65	276	1618198	44.255	ng		98

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

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