Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000537.D
Acq On : 07 Oct 2019 12:39
Operator : JU
Sample : PB123395BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123395BS

Manual Integrations APPROVED
mohammad
10/8/2019 12:23:46 PM

Quant Time: Oct 07 16:37:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	231981	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	888441	20.00	ng		-0.01
39) Acenaphthene-d10	9.81	164	505944	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	959812	20.00	ng		0.00
76) Chrysene-d12	13.98	240	855934	20.00	ng		0.00
87) Perylene-d12	15.45	264	970600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1549585	107.37	ng		0.00
7) Phenol-d6	6.40	99	1910206	109.84	ng		0.00
23) Nitrobenzene-d5	7.32	82	889655	61.16	ng		-0.01
42) 2,4,6-Tribromophenol	10.60	330	616140	114.28	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2063957	66.00	ng		0.00
79) Terphenyl-d14	12.91	244	2656842	62.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	220424	38.248	ng		97
3) Pyridine	3.22	79	538273	34.185	ng		96
4) n-Nitrosodimethylamine	3.16	42	180745	40.792	ng		96
6) Aniline	6.42	93	695237	32.906	ng	#	88
8) 2-Chlorophenol	6.55	128	610756	42.881	ng		97
9) Benzaldehyde	6.30	77	375755	41.481	ng		98
10) Phenol	6.42	94	758873	42.619	ng		93
11) bis(2-Chloroethyl)ether	6.50	93	565121	41.253	ng		98
12) 1,3-Dichlorobenzene	6.70	146	680345	39.405	ng		98
13) 1,4-Dichlorobenzene	6.78	146	690672	39.755	ng		97
14) 1,2-Dichlorobenzene	6.93	146	652517	40.680	ng		99
15) Benzyl Alcohol	6.90	79	472182	42.042	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	523649	41.440	ng		98
17) 2-Methylphenol	7.02	107	490020	41.630	ng		97
18) Hexachloroethane	7.28	117	240363	38.873	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	347523	43.353	ng		97
20) 3+4-Methylphenols	7.18	107	625177	45.390	ng	#	76
22) Acetophenone	7.17	105	818780	39.885	ng	#	97
24) Nitrobenzene	7.34	77	570657	40.675	ng		97
25) Isophorone	7.58	82	1077279	41.727	ng		97
26) 2-Nitrophenol	7.66	139	307314	41.653	ng		95
27) 2,4-Dimethylphenol	7.70	122	541632	47.891	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	707833	40.344	ng		100
29) 2,4-Dichlorophenol	7.90	162	539923	42.222	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	593077	39.490	ng		100
31) Naphthalene	8.07	128	1745433	42.065	ng		99
32) Benzoic acid	7.82	122	283615	39.715	ng		99
33) 4-Chloroaniline	8.12	127	408799	22.438	ng		99
34) Hexachlorobutadiene	8.19	225	342657	37.754	ng		98
35) Caprolactam	8.47	113	173184m	40.434	ng		
36) 4-Chloro-3-methylphenol	8.60	107	536325	42.822	ng		98
37) 2-Methylnaphthalene	8.76	142	1227404	44.064	ng		99
38) 1-Methylnaphthalene	8.86	142	1153825	43.839	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	604239	37.732	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	547720	84.951	ng	98
43) 2,4,6-Trichlorophenol	9.05	196	389084	39.470	ng	98
44) 2,4,5-Trichlorophenol	9.09	196	419702	41.236	ng	99
46) 1,1'-Biphenyl	9.23	154	1499540	39.265	ng	98
47) 2-Chloronaphthalene	9.25	162	1164510	39.434	ng	98
48) 2-Nitroaniline	9.35	65	281471	39.370	ng	98
49) Acenaphthylene	9.67	152	1857436	41.690	ng	99
50) Dimethylphthalate	9.53	163	1392196	39.601	ng	99
51) 2,6-Dinitrotoluene	9.59	165	310890	40.552	ng	98
52) Acenaphthene	9.85	154	1085245	40.155	ng	100
53) 3-Nitroaniline	9.76	138	215456	24.527	ng	96
54) 2,4-Dinitrophenol	9.88	184	232758	90.986	ng	90
55) Dibenzofuran	10.02	168	1693845	41.927	ng	100
56) 4-Nitrophenol	9.93	139	488987	87.190	ng	97
57) 2,4-Dinitrotoluene	10.00	165	415025	40.829	ng	95
58) Fluorene	10.36	166	1306570	45.378	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	360531	41.904	ng	100
60) Diethylphthalate	10.24	149	1362048	40.814	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	679184	43.866	ng	98
62) 4-Nitroaniline	10.38	138	337324	39.927	ng	99
63) Azobenzene	10.52	77	1178473	45.995	ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	183179	43.053	ng	90
66) n-Nitrosodiphenylamine	10.48	169	1188885	42.529	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	420268	38.898	ng	98
68) Hexachlorobenzene	10.92	284	458701	37.360	ng	98
69) Atrazine	11.01	200	425268	46.357	ng	98
70) Pentachlorophenol	11.12	266	452492	91.759	ng	96
71) Phenanthrene	11.33	178	2019146	41.887	ng	99
72) Anthracene	11.39	178	2085728	43.638	ng	100
73) Carbazole	11.54	167	1906055	43.020	ng	99
74) Di-n-butylphthalate	11.88	149	2242034	41.540	ng	99
75) Fluoranthene	12.53	202	2294735	42.386	ng	100
77) Benzidine	12.66	184	1701539	68.650	ng	99
78) Pyrene	12.76	202	2337273	39.592	ng	99
80) Butylbenzylphthalate	13.39	149	1016434	39.513	ng	96
81) Benzo(a)anthracene	13.97	228	2159185	41.345	ng	97
82) 3,3'-Dichlorobenzidine	13.93	252	439383	21.181	ng	98
83) Chrysene	14.00	228	2115302	41.268	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1341360	41.460	ng	97
85) Di-n-octyl phthalate	14.59	149	2441170	41.629	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2466854	38.528	ng	99
88) Benzo(b)fluoranthene	15.03	252	2233508	40.562	ng	98
89) Benzo(k)fluoranthene	15.06	252	2157205	41.149	ng	99
90) Benzo(a)pyrene	15.39	252	2035333	39.651	ng	98
91) Dibenzo(a,h)anthracene	16.95	278	2048268	41.143	ng	99
92) Benzo(g,h,i)perylene	17.37	276	2055058	40.624	ng	99

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

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