Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000438.D
Acq On : 26 Sep 2019 22:49
Operator : JU
Sample : PB123396BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Manual Integrations APPROVED
mohammad
9/27/2019 1:47:28 PM

Quant Time: Sep 27 11:33:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	251673	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	961504	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	531107	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	999518	20.00	ng		0.00
76) Chrysene-d12	14.01	240	768921	20.00	ng		0.01
87) Perylene-d12	15.49	264	795232	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1653597	113.43	ng		0.02
7) Phenol-d6	6.44	99	1999829	111.91	ng		0.02
23) Nitrobenzene-d5	7.35	82	1090370	73.17	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	614172	116.59	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2276272	77.14	ng		0.00
79) Terphenyl-d14	12.94	244	2671500	72.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	249187	37.878	ng		100
3) Pyridine	3.30	79	605116	34.167	ng		99
4) n-Nitrosodimethylamine	3.23	42	207283	41.507	ng		98
6) Aniline	6.45	93	758066	30.767	ng	#	35
8) 2-Chlorophenol	6.58	128	704054	44.849	ng		98
9) Benzaldehyde	6.33	77	378308	39.095	ng		99
10) Phenol	6.45	94	853694	42.048	ng		74
11) bis(2-Chloroethyl)ether	6.52	93	658018	42.322	ng		100
12) 1,3-Dichlorobenzene	6.73	146	773685	41.070	ng		99
13) 1,4-Dichlorobenzene	6.81	146	790145	42.157	ng		96
14) 1,2-Dichlorobenzene	6.96	146	727968	42.399	ng		99
15) Benzyl Alcohol	6.93	79	556652	42.805	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	579777	39.333	ng		96
17) 2-Methylphenol	7.05	107	579269	43.083	ng		99
18) Hexachloroethane	7.30	117	233872	33.718	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	389080	41.181	ng		99
20) 3+4-Methylphenols	7.20	107	727184	44.725	ng	#	79
22) Acetophenone	7.20	105	958462	45.998	ng		98
24) Nitrobenzene	7.37	77	672056	43.418	ng		96
25) Isophorone	7.61	82	1228278	41.624	ng		99
26) 2-Nitrophenol	7.69	139	352949	43.011	ng		95
27) 2,4-Dimethylphenol	7.73	122	618504	47.318	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	808775	41.208	ng		100
29) 2,4-Dichlorophenol	7.93	162	621689	44.377	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	665959	41.474	ng		100
31) Naphthalene	8.10	128	1970904	44.260	ng		99
32) Benzoic acid	7.85	122	364464	41.296	ng		98
33) 4-Chloroaniline	8.15	127	621955	30.862	ng		98
34) Hexachlorobutadiene	8.22	225	384303	40.392	ng		99
35) Caprolactam	8.50	113	212384m	44.566	ng		
36) 4-Chloro-3-methylphenol	8.64	107	629555	44.268	ng		97
37) 2-Methylnaphthalene	8.79	142	1361091	44.712	ng		99
38) 1-Methylnaphthalene	8.89	142	1270934	44.570	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	677699	44.629	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	205399	23.555	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	456649	43.459	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	486721	45.237	ng		97
46) 1,1'-Biphenyl	9.26	154	1652580	44.979	ng		99
47) 2-Chloronaphthalene	9.28	162	1296289	42.059	ng		98
48) 2-Nitroaniline	9.38	65	337431	43.112	ng		97
49) Acenaphthylene	9.70	152	2043950	44.118	ng		99
50) Dimethylphthalate	9.56	163	1549195	42.813	ng		99
51) 2,6-Dinitrotoluene	9.62	165	350833	44.095	ng		98
52) Acenaphthene	9.87	154	1204433	41.197	ng		99
53) 3-Nitroaniline	9.79	138	314489	34.054	ng		97
54) 2,4-Dinitrophenol	9.90	184	152897	43.498	ng		100
55) Dibenzofuran	10.05	168	1844851	44.638	ng		99
56) 4-Nitrophenol	9.97	139	549682	80.026	ng		92
57) 2,4-Dinitrotoluene	10.03	165	458616	44.092	ng		95
58) Fluorene	10.39	166	1408439	44.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	403130	45.534	ng		98
60) Diethylphthalate	10.26	149	1502006	43.150	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	717200	43.768	ng		97
62) 4-Nitroaniline	10.40	138	375553	41.344	ng		99
63) Azobenzene	10.55	77	1282857	43.501	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	123931	26.369	ng		93
66) n-Nitrosodiphenylamine	10.50	169	1300018	43.206	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	459485	40.653	ng		96
68) Hexachlorobenzene	10.95	284	489068	39.580	ng	#	90
70) Pentachlorophenol	11.15	266	479767	71.290	ng		100
71) Phenanthrene	11.36	178	2157823	43.080	ng		100
72) Anthracene	11.41	178	2198579	42.644	ng		100
73) Carbazole	11.57	167	2047221	44.092	ng		99
74) Di-n-butylphthalate	11.90	149	2376520	40.438	ng		99
75) Fluoranthene	12.56	202	2358603	43.853	ng		98
77) Benzidine	12.69	184	1509475	54.967	ng		98
78) Pyrene	12.79	202	2387620	41.504	ng		100
80) Butylbenzylphthalate	13.42	149	1046132	39.575	ng		99
81) Benzo(a)anthracene	14.00	228	2014353	41.473	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	855819	43.843	ng		99
83) Chrysene	14.03	228	1982092	41.562	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1325040	41.757	ng		99
85) Di-n-octyl phthalate	14.61	149	2409182	40.965	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2185772	37.602	ng		99
88) Benzo(b)fluoranthene	15.06	252	2153997	45.404	ng		99
89) Benzo(k)fluoranthene	15.09	252	2079938	50.262	ng		99
90) Benzo(a)pyrene	15.43	252	2074321	48.053	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	1818574	45.186	ng		98
92) Benzo(g,h,i)perylene	17.44	276	1754993	42.424	ng		99

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

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