Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000414.D
Acq On : 26 Sep 2019 11:55
Operator : JU
Sample : PB123382BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123382BS

Manual Integrations APPROVED
mohammad
9/27/2019 1:46:42 PM

Quant Time: Sep 26 15:05:41 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	238355	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	930085	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	510055	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	946578	20.00	ng		0.00
76) Chrysene-d12	14.00	240	774909	20.00	ng		0.00
87) Perylene-d12	15.49	264	829686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1597510	115.70	ng		0.01
7) Phenol-d6	6.43	99	1950307	115.24	ng		0.00
23) Nitrobenzene-d5	7.35	82	1049358	72.79	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	588997	116.42	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2262346	79.83	ng		0.00
79) Terphenyl-d14	12.93	244	2707965	73.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	244208	39.195	ng		100
3) Pyridine	3.28	79	594487	35.443	ng		98
4) n-Nitrosodimethylamine	3.22	42	200789	42.454	ng		97
6) Aniline	6.45	93	795843	34.105	ng	#	84
8) 2-Chlorophenol	6.58	128	677036	45.538	ng		99
9) Benzaldehyde	6.33	77	353832	38.513	ng		98
10) Phenol	6.44	94	843549	43.869	ng		88
11) bis(2-Chloroethyl)ether	6.52	93	639153	43.406	ng		98
12) 1,3-Dichlorobenzene	6.73	146	751966	42.148	ng		98
13) 1,4-Dichlorobenzene	6.80	146	763627	43.018	ng		98
14) 1,2-Dichlorobenzene	6.96	146	712747	43.832	ng		99
15) Benzyl Alcohol	6.93	79	535384	43.470	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	585608	41.948	ng		99
17) 2-Methylphenol	7.05	107	555793	43.647	ng		99
18) Hexachloroethane	7.30	117	270332	41.152	ng		91
19) n-Nitroso-di-n-propylamine	7.20	70	379357	42.395	ng		98
20) 3+4-Methylphenols	7.20	107	686092	44.556	ng		89
22) Acetophenone	7.19	105	914176	45.355	ng	#	98
24) Nitrobenzene	7.36	77	646565	43.182	ng		96
25) Isophorone	7.60	82	1193213	41.801	ng		99
26) 2-Nitrophenol	7.69	139	344497	43.399	ng		99
27) 2,4-Dimethylphenol	7.73	122	602328	47.637	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	799835	42.129	ng		99
29) 2,4-Dichlorophenol	7.93	162	601686	44.400	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	651807	41.963	ng		99
31) Naphthalene	8.09	128	1914285	44.440	ng		100
32) Benzoic acid	7.84	122	319214	37.391	ng		98
33) 4-Chloroaniline	8.14	127	530777	27.227	ng		98
34) Hexachlorobutadiene	8.22	225	375676	40.819	ng		100
35) Caprolactam	8.49	113	191051m	41.444	ng		
36) 4-Chloro-3-methylphenol	8.63	107	596453	43.357	ng		99
37) 2-Methylnaphthalene	8.79	142	1328618	45.120	ng		100
38) 1-Methylnaphthalene	8.89	142	1238890	44.914	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	650909	44.634	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	598600	71.481 ng		100
43) 2,4,6-Trichlorophenol	9.07	196	433945	43.003 ng		98
44) 2,4,5-Trichlorophenol	9.11	196	466971	45.193 ng		99
46) 1,1'-Biphenyl	9.25	154	1625120	46.057 ng		99
47) 2-Chloronaphthalene	9.28	162	1269345	42.885 ng		99
48) 2-Nitroaniline	9.37	65	312459	41.569 ng		94
49) Acenaphthylene	9.69	152	2005666	45.079 ng		100
50) Dimethylphthalate	9.55	163	1506824	43.361 ng		100
51) 2,6-Dinitrotoluene	9.61	165	343509	44.957 ng		99
52) Acenaphthene	9.87	154	1202797	42.839 ng		100
53) 3-Nitroaniline	9.78	138	272807	30.760 ng		99
54) 2,4-Dinitrophenol	9.89	184	261901	77.583 ng		99
55) Dibenzofuran	10.04	168	1817056	45.780 ng		100
56) 4-Nitrophenol	9.96	139	545792	82.739 ng		89
57) 2,4-Dinitrotoluene	10.02	165	451516	45.202 ng		96
58) Fluorene	10.39	166	1365384	44.537 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	391329	46.025 ng		99
60) Diethylphthalate	10.26	149	1453322	43.475 ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	717293	45.581 ng		99
62) 4-Nitroaniline	10.40	138	378306	43.366 ng		98
63) Azobenzene	10.54	77	1262554	44.579 ng		100
65) 4,6-Dinitro-2-methylphenol	10.43	198	197444	44.361 ng		93
66) n-Nitrosodiphenylamine	10.50	169	1262533	44.307 ng		100
67) 4-Bromophenyl-phenylether	10.87	248	443712	41.453 ng		100
68) Hexachlorobenzene	10.95	284	471639	40.304 ng		99
70) Pentachlorophenol	11.14	266	503255	78.962 ng		99
71) Phenanthrene	11.36	178	2121940	44.733 ng		100
72) Anthracene	11.40	178	2156751	44.172 ng		100
73) Carbazole	11.56	167	1980426	45.039 ng		99
74) Di-n-butylphthalate	11.90	149	2336216	41.975 ng		100
75) Fluoranthene	12.56	202	2311081	45.373 ng		98
77) Benzidine	12.67	184	956998	34.580 ng		99
78) Pyrene	12.79	202	2416575	41.682 ng		100
80) Butylbenzylphthalate	13.42	149	1026812	38.544 ng		93
81) Benzo(a)anthracene	13.99	228	2054940	41.981 ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	729368	37.076 ng	#	98
83) Chrysene	14.03	228	2053537	42.728 ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1330317	41.600 ng		100
85) Di-n-octyl phthalate	14.61	149	2428689	40.977 ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	2448501	41.796 ng		99
88) Benzo(b)fluoranthene	15.06	252	2162358	43.687 ng		99
89) Benzo(k)fluoranthene	15.09	252	2161080	50.054 ng		99
90) Benzo(a)pyrene	15.43	252	2127946	47.249 ng		99
91) Dibenzo(a,h)anthracene	17.00	278	2019600	48.097 ng		98
92) Benzo(g,h,i)perylene	17.43	276	2027397	46.973 ng		99

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

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