Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000848.D
Acq On : 17 Oct 2019 20:37
Operator : JU
Sample : PB123970BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123970BS

Manual Integrations APPROVED
mohammad
10/20/2019 8:16:16 PM

Quant Time: Oct 18 06:47:30 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	6.75	152	175289	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	670384	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	382262	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	707785	20.00	ng		-0.01
76) Chrysene-d12	13.98	240	560600	20.00	ng		0.00
87) Perylene-d12	15.46	264	518293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1104588	101.29	ng		-0.02
7) Phenol-d6	6.39	99	1344647	102.33	ng		-0.02
23) Nitrobenzene-d5	7.31	82	654954	59.67	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	457764	112.38	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1521071	64.38	ng		-0.02
79) Terphenyl-d14	12.90	244	1818907	65.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	149247	34.273	ng		98
3) Pyridine	3.22	79	340922	28.654	ng		100
4) n-Nitrosodimethylamine	3.16	42	120905	36.112	ng		100
6) Aniline	6.41	93	443677	27.792	ng	#	56
8) 2-Chlorophenol	6.54	128	446588	41.496	ng		96
9) Benzaldehyde	6.29	77	236482	34.549	ng		98
10) Phenol	6.40	94	522037	38.800	ng		87
11) bis(2-Chloroethyl)ether	6.48	93	404312	39.059	ng		100
12) 1,3-Dichlorobenzene	6.69	146	499701	38.303	ng		98
13) 1,4-Dichlorobenzene	6.76	146	514377	39.183	ng		99
14) 1,2-Dichlorobenzene	6.92	146	479369	39.551	ng		98
15) Benzyl Alcohol	6.89	79	332892	39.226	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	344981	36.131	ng		93
17) 2-Methylphenol	7.01	107	370292	41.632	ng		97
18) Hexachloroethane	7.26	117	174961	37.448	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	244038	40.290	ng		98
20) 3+4-Methylphenols	7.17	107	455127	43.731	ng	#	64
22) Acetophenone	7.16	105	597221	38.555	ng		96
24) Nitrobenzene	7.33	77	411225	38.845	ng		97
25) Isophorone	7.57	82	766733	39.358	ng		98
26) 2-Nitrophenol	7.65	139	240149	43.137	ng		96
27) 2,4-Dimethylphenol	7.69	122	386904	45.338	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	505426	38.178	ng		99
29) 2,4-Dichlorophenol	7.90	162	404855	41.958	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	450736	39.775	ng		100
31) Naphthalene	8.06	128	1281022	40.915	ng		99
32) Benzoic acid	7.82	122	192254	35.679	ng		99
33) 4-Chloroaniline	8.10	127	334930	24.364	ng		100
34) Hexachlorobutadiene	8.18	225	267655	39.083	ng		99
35) Caprolactam	8.47	113	127000m	39.296	ng		
36) 4-Chloro-3-methylphenol	8.60	107	394007	41.691	ng		96
37) 2-Methylnaphthalene	8.75	142	905040	43.060	ng		99
38) 1-Methylnaphthalene	8.85	142	839124	42.253	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	468736	38.741	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	197506	44.359	ng	99
43) 2,4,6-Trichlorophenol	9.04	196	283748	38.097	ng	100
44) 2,4,5-Trichlorophenol	9.08	196	307538	39.993	ng	99
46) 1,1'-Biphenyl	9.22	154	1106253	38.340	ng	98
47) 2-Chloronaphthalene	9.25	162	867730	38.891	ng	99
48) 2-Nitroaniline	9.34	65	197764	36.611	ng	92
49) Acenaphthylene	9.66	152	1343315	39.906	ng	99
50) Dimethylphthalate	9.52	163	1036485	39.022	ng	100
51) 2,6-Dinitrotoluene	9.59	165	233161	40.254	ng	91
52) Acenaphthene	9.83	154	770399	37.729	ng	99
53) 3-Nitroaniline	9.75	138	173864	26.196	ng	93
54) 2,4-Dinitrophenol	9.87	184	160716	83.151	ng	97
55) Dibenzofuran	10.01	168	1221740	40.026	ng	98
56) 4-Nitrophenol	9.93	139	280862	66.283	ng	93
57) 2,4-Dinitrotoluene	9.99	165	304119	39.599	ng	97
58) Fluorene	10.35	166	928161	42.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	265746	40.880	ng	97
60) Diethylphthalate	10.23	149	982001	38.947	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	498036	42.573	ng	99
62) 4-Nitroaniline	10.37	138	223634	35.035	ng	98
63) Azobenzene	10.50	77	786626	40.635	ng	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	135837	43.294	ng	92
66) n-Nitrosodiphenylamine	10.46	169	850207	41.243	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	315782	39.635	ng	97
68) Hexachlorobenzene	10.91	284	348878	38.533	ng	96
69) Atrazine	11.00	200	302366	44.696	ng	100
70) Pentachlorophenol	11.11	266	257414	70.787	ng	97
71) Phenanthrene	11.32	178	1416620	39.852	ng	99
72) Anthracene	11.37	178	1439586	40.844	ng	100
73) Carbazole	11.53	167	1289738	39.475	ng	99
74) Di-n-butylphthalate	11.87	149	1543996	38.793	ng	99
75) Fluoranthene	12.53	202	1547328	38.758	ng	99
77) Benzidine	12.65	184	517550	31.881	ng	100
78) Pyrene	12.76	202	1561885	40.396	ng	100
80) Butylbenzylphthalate	13.39	149	663192	39.363	ng	94
81) Benzo(a)anthracene	13.97	228	1361102	39.793	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	516091	37.986	ng	97
83) Chrysene	14.00	228	1344965	40.062	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	892692	42.128	ng	98
85) Di-n-octyl phthalate	14.58	149	1607588	41.856	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1604408	38.259	ng	98
88) Benzo(b)fluoranthene	15.03	252	1462430	49.736	ng	98
89) Benzo(k)fluoranthene	15.06	252	1356103	48.443	ng	97
90) Benzo(a)pyrene	15.40	252	1301966	47.499	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1344542	50.576	ng	97
92) Benzo(g,h,i)perylene	17.39	276	1347568	49.885	ng	97

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

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