Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115784.D
Acq On : 26 Jul 2019 13:17
Operator : HP/JU
Sample : PB121731BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121731BS

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:47 PM

Quant Time: Jul 26 18:16:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179065	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	749548	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	378502	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	695119	20.00	ng		0.00
76) Chrysene-d12	14.03	240	474905	20.00	ng		0.00
87) Perylene-d12	15.50	264	323577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1114086	101.77	ng		0.02
7) Phenol-d6	6.51	99	1459809	105.09	ng		0.00
23) Nitrobenzene-d5	7.43	82	924168	71.69	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	415076	93.95	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1669705	77.21	ng		0.00
79) Terphenyl-d14	12.97	244	1717850	66.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	177258	32.461	ng		99
3) Pyridine	3.50	79	382415	25.812	ng		97
4) n-Nitrosodimethylamine	3.44	42	195928	36.454	ng		98
6) Aniline	6.53	93	410382	21.229	ng		99
8) 2-Chlorophenol	6.66	128	455874	36.220	ng		97
9) Benzaldehyde	6.42	77	121186	13.961	ng		98
10) Phenol	6.52	94	565829	35.090	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	435632	35.483	ng		99
12) 1,3-Dichlorobenzene	6.82	146	467965	33.069	ng		99
13) 1,4-Dichlorobenzene	6.89	146	473015	33.502	ng		98
14) 1,2-Dichlorobenzene	7.05	146	439369	34.042	ng		99
15) Benzyl Alcohol	7.02	79	379435	34.434	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	596458	36.902	ng		98
17) 2-Methylphenol	7.13	107	404775	37.318	ng		99
18) Hexachloroethane	7.39	117	174451	33.288	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	318660	35.175	ng		99
20) 3+4-Methylphenols	7.27	107	467457	36.282	ng		91
22) Acetophenone	7.28	105	625031	36.911	ng	#	99
24) Nitrobenzene	7.45	77	508220	36.553	ng		95
25) Isophorone	7.69	82	937170	36.332	ng		99
26) 2-Nitrophenol	7.77	139	257482	35.979	ng		99
27) 2,4-Dimethylphenol	7.80	122	412841	38.555	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	566048	35.771	ng		99
29) 2,4-Dichlorophenol	8.01	162	410680	36.878	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	432987	34.397	ng		98
31) Naphthalene	8.17	128	1340128	36.917	ng		99
32) Benzoic acid	7.95	122	275040	31.299	ng		99
33) 4-Chloroaniline	8.22	127	368275	22.904	ng		98
34) Hexachlorobutadiene	8.29	225	247380	34.270	ng		98
35) Caprolactam	8.59	113	121165m	35.210	ng		
36) 4-Chloro-3-methylphenol	8.71	107	421230	36.465	ng		97
37) 2-Methylnaphthalene	8.87	142	910099	37.822	ng		98
38) 1-Methylnaphthalene	8.97	142	856350	37.468	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	416027	36.500	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	255189	39.248	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	274044	32.878	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	292691	34.288	ng		98
46) 1,1'-Biphenyl	9.33	154	1097653	37.094	ng		99
47) 2-Chloronaphthalene	9.36	162	867719	35.217	ng		99
48) 2-Nitroaniline	9.45	65	264594	34.696	ng		99
49) Acenaphthylene	9.77	152	1281175	35.092	ng		99
50) Dimethylphthalate	9.63	163	1018916	35.780	ng		99
51) 2,6-Dinitrotoluene	9.69	165	224072	34.624	ng		97
52) Acenaphthene	9.95	154	789993	33.516	ng		98
53) 3-Nitroaniline	9.86	138	181157	24.495	ng		97
54) 2,4-Dinitrophenol	9.97	184	206524	62.156	ng		95
55) Dibenzofuran	10.12	168	1172235	35.020	ng		99
56) 4-Nitrophenol	10.03	139	315302	55.910	ng		99
57) 2,4-Dinitrotoluene	10.10	165	295450	35.238	ng		97
58) Fluorene	10.46	166	880039	36.776	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	253774	35.563	ng		98
60) Diethylphthalate	10.33	149	968363	36.293	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	444223	33.475	ng		98
62) 4-Nitroaniline	10.47	138	222511	31.366	ng		98
63) Azobenzene	10.61	77	977438	37.767	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	137899	32.470	ng		98
66) n-Nitrosodiphenylamine	10.57	169	794150	36.728	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	277979	34.994	ng		99
68) Hexachlorobenzene	11.01	284	312504	34.449	ng	#	90
69) Atrazine	11.09	200	202732	28.580	ng		99
70) Pentachlorophenol	11.20	266	332683	59.961	ng		99
71) Phenanthrene	11.42	178	1272592	35.716	ng		99
72) Anthracene	11.47	178	1307894	35.518	ng		99
73) Carbazole	11.62	167	1170988	36.263	ng		99
74) Di-n-butylphthalate	11.95	149	1456536	36.619	ng		100
75) Fluoranthene	12.61	202	1329318	35.305	ng		100
77) Benzidine	12.72	184	170360	10.126	ng		99
78) Pyrene	12.84	202	1354996	33.676	ng		99
80) Butylbenzylphthalate	13.44	149	622278	36.280	ng		99
81) Benzo(a)anthracene	14.02	228	1097240	35.070	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	323449	29.081	ng		99
83) Chrysene	14.06	228	1084110	34.517	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	860657	40.509	ng		100
85) Di-n-octyl phthalate	14.62	149	1385899	40.997	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	891531	33.411	ng		99
88) Benzo(b)fluoranthene	15.07	252	957097	45.935	ng		99
89) Benzo(k)fluoranthene	15.10	252	930083	50.068	ng		99
90) Benzo(a)pyrene	15.44	252	867458	48.440	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	762814	48.520	ng		98
92) Benzo(g,h,i)perylene	17.43	276	726362	46.326	ng		98

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

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