Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103680.D
Acq On : 15 Mar 2018 20:42
Operator : JU/SJ
Sample : PB107343BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107343BSD

Manual Integrations APPROVED
Sohil
3/16/2018 12:06:18 PM

Quant Time: Mar 16 05:02:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149152	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	631657	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	299725	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	530533	20.00	ng		0.00
75) Chrysene-d12	14.15	240	425710	20.00	ng		0.00
86) Perylene-d12	15.67	264	391124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1666274	169.92	ng		0.02
7) Phenol-d6	6.60	99	2113424	176.16	ng		0.01
23) Nitrobenzene-d5	7.53	82	822824	90.84	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	484278	187.92	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1457730	77.58	ng		0.00
78) Terphenyl-d14	13.09	244	1497889	81.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	221750	45.924	ng		93
3) Pyridine	3.68	79	594046	44.728	ng		92
4) n-Nitrosodimethylamine	3.64	42	243139	49.651	ng		93
6) Aniline	6.63	93	595687	34.772	ng		98
8) 2-Chlorophenol	6.76	128	479818	46.708	ng		97
9) Benzaldehyde	6.52	77	139333	17.678	ng		98
10) Phenol	6.60	94	591631	46.408	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	476707	45.297	ng		96
12) 1,3-Dichlorobenzene	6.91	146	508674	43.477	ng		99
13) 1,4-Dichlorobenzene	6.99	146	511939	43.544	ng		99
14) 1,2-Dichlorobenzene	7.14	146	477647	43.782	ng		99
15) Benzyl Alcohol	7.10	79	436765	46.986	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	669158	44.705	ng		96
17) 2-Methylphenol	7.21	107	418512	45.749	ng		99
18) Hexachloroethane	7.48	117	194197	46.959	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	335013	43.573	ng		96
20) 3+4-Methylphenols	7.36	107	514767	44.340	ng	#	87
22) Acetophenone	7.37	105	677408	41.728	ng	#	96
24) Nitrobenzene	7.55	77	518299	48.740	ng		98
25) Isophorone	7.79	82	982027	46.834	ng		98
26) 2-Nitrophenol	7.86	139	225496	54.213	ng		99
27) 2,4-Dimethylphenol	7.89	122	469608	52.278	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	607681	47.860	ng		100
29) 2,4-Dichlorophenol	8.10	162	403536	49.377	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	407918	43.035	ng		98
31) Naphthalene	8.27	128	1393908	43.685	ng		100
32) Benzoic acid	8.01	122	286719	45.807	ng		99
33) 4-Chloroaniline	8.32	127	334586	24.994	ng		97
34) Hexachlorobutadiene	8.39	225	217974	41.942	ng		99
35) Caprolactam	8.69	113	129444m	45.998	ng		
36) 4-Chloro-3-methylphenol	8.79	107	435331	48.319	ng		97
37) 2-Methylnaphthalene	8.96	142	918718	45.403	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	363700	42.534	ng		99
40) Hexachlorocyclopentadiene	9.12	237	444701	100.788	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	270756	49.504	ng		100
43) 2,4,5-Trichlorophenol	9.27	196	280849	45.495	ng		97
45) 1,1'-Biphenyl	9.43	154	1056872	42.287	ng		99
46) 2-Chloronaphthalene	9.46	162	847316	42.684	ng		98
47) 2-Nitroaniline	9.55	65	257274	49.324	ng		95
48) Acenaphthylene	9.87	152	1291641	41.961	ng		99
49) Dimethylphthalate	9.73	163	978342	42.783	ng		100
50) 2,6-Dinitrotoluene	9.79	165	214256	48.399	ng		90
51) Acenaphthene	10.05	154	861707	47.146	ng		99
52) 3-Nitroaniline	9.96	138	167076	32.824	ng		95
53) 2,4-Dinitrophenol	10.06	184	172864	103.226	ng	#	22
54) Dibenzofuran	10.22	168	1156696	44.310	ng		97
55) 4-Nitrophenol	10.12	139	411675	97.192	ng		92
56) 2,4-Dinitrotoluene	10.19	165	288924	51.094	ng		96
57) Fluorene	10.56	166	869665	42.933	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	229074	52.370	ng		99
59) Diethylphthalate	10.43	149	965004	42.518	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	395325	42.704	ng		95
61) 4-Nitroaniline	10.58	138	246833	48.346	ng		96
62) Azobenzene	10.71	77	1013176	43.908	ng		98
64) 4,6-Dinitro-2-methylphenol	10.60	198	111528	53.921	ng		99
65) n-Nitrosodiphenylamine	10.67	169	803463	44.492	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	245152	45.005	ng		96
67) Hexachlorobenzene	11.10	284	266201	42.818	ng		99
68) Atrazine	11.19	200	256087	45.843	ng		99
69) Pentachlorophenol	11.30	266	300472	84.065	ng		97
70) Phenanthrene	11.53	178	1246722	42.959	ng		99
71) Anthracene	11.58	178	1306472	44.323	ng		100
72) Carbazole	11.73	167	1240020	43.283	ng		99
73) Di-n-butylphthalate	12.05	149	1482509	43.127	ng		99
74) Fluoranthene	12.72	202	1315227	43.990	ng		99
76) Benzidine	12.84	184	776336	42.757	ng		99
77) Pyrene	12.95	202	1327503	42.461	ng		99
79) Butylbenzylphthalate	13.56	149	644383	46.521	ng		99
80) Benzo(a)anthracene	14.14	228	1192229	44.243	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	212585	23.585	ng		98
82) Chrysene	14.18	228	1116446	43.462	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	898353	45.399	ng		99
84) Di-n-octyl phthalate	14.74	149	1507142	52.353	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1038440	46.291	ng		97
87) Benzo(b)fluoranthene	15.22	252	1135921	45.970	ng		97
88) Benzo(k)fluoranthene	15.26	252	1023962	43.108	ng		100
89) Benzo(a)pyrene	15.62	252	1035809	46.216	ng		98
90) Dibenzo(a,h)anthracene	17.26	278	869177	44.787	ng		98
91) Benzo(g,h,i)perylene	17.72	276	854341	45.251	ng		96

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

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