Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102298.D
Acq On : 22 Jan 2018 14:42
Operator : SJ/JU
Sample : PB105837BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Manual Integrations APPROVED
Sohil
1/23/2018 12:46:35 PM

Quant Time: Jan 23 00:49:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 22 13:38:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141761	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	596908	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	271150	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	492024	20.00	ng		0.00
75) Chrysene-d12	13.87	240	401901	20.00	ng		0.00
86) Perylene-d12	15.29	264	398802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1122496	120.06	ng		0.01
7) Phenol-d6	6.36	99	1370881	121.62	ng		0.00
23) Nitrobenzene-d5	7.29	82	866493	83.42	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	322355	119.98	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1573122	85.30	ng		0.00
78) Terphenyl-d14	12.82	244	1511313	84.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	136067	30.631	ng		95
3) Pyridine	3.15	79	388937	33.504	ng		96
4) n-Nitrosodimethylamine	3.10	42	182180	40.030	ng		100
6) Aniline	6.39	93	203248	13.633	ng		96
8) 2-Chlorophenol	6.50	128	377889	38.558	ng		97
9) Benzaldehyde	6.26	77	239535	37.477	ng		97
10) Phenol	6.37	94	439786	35.739	ng		91
11) bis(2-Chloroethyl)ether	6.46	93	351554	37.563	ng		98
12) 1,3-Dichlorobenzene	6.65	146	404386	34.694	ng		97
13) 1,4-Dichlorobenzene	6.73	146	412036	35.289	ng		99
14) 1,2-Dichlorobenzene	6.89	146	384972	36.046	ng		97
15) Benzyl Alcohol	6.86	79	301755	37.943	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	586473	37.362	ng		93
17) 2-Methylphenol	6.98	107	323749	38.036	ng		97
18) Hexachloroethane	7.22	117	147294	36.202	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	259344	37.598	ng		96
20) 3+4-Methylphenols	7.13	107	386801	38.639	ng	#	75
22) Acetophenone	7.13	105	514940	36.189	ng	#	92
24) Nitrobenzene	7.30	77	394086	37.074	ng		96
25) Isophorone	7.54	82	721515	38.964	ng		99
26) 2-Nitrophenol	7.62	139	219776	39.284	ng		96
27) 2,4-Dimethylphenol	7.66	122	346439	42.646	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	458928	40.120	ng		99
29) 2,4-Dichlorophenol	7.86	162	331570	40.069	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	313651	35.360	ng		98
31) Naphthalene	8.02	128	1096351	36.787	ng		99
32) Benzoic acid	7.80	122	242838	35.679	ng		95
33) 4-Chloroaniline	8.07	127	97619	7.789	ng		97
34) Hexachlorobutadiene	8.13	225	168229	35.509	ng		96
35) Caprolactam	8.45	113	113583m	41.562	ng		
36) 4-Chloro-3-methylphenol	8.57	107	351732	40.325	ng		97
37) 2-Methylnaphthalene	8.71	142	758054	38.193	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	291643	35.750	ng		98
40) Hexachlorocyclopentadiene	8.86	237	316954	86.817	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	217658	39.856	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	231853	37.707	ng		99
45) 1,1'-Biphenyl	9.17	154	883405	36.436	ng		100
46) 2-Chloronaphthalene	9.20	162	680685	36.119	ng		98
47) 2-Nitroaniline	9.30	65	223432	38.029	ng		97
48) Acenaphthylene	9.62	152	1049703	35.753	ng		99
49) Dimethylphthalate	9.48	163	823126	36.727	ng		100
50) 2,6-Dinitrotoluene	9.55	165	183099	37.892	ng		98
51) Acenaphthene	9.79	154	617862	36.033	ng		98
52) 3-Nitroaniline	9.71	138	76306	13.349	ng		99
53) 2,4-Dinitrophenol	9.83	184	194933	89.454	ng	#	21
54) Dibenzofuran	9.96	168	905490	39.019	ng		97
55) 4-Nitrophenol	9.89	139	307652	81.533	ng		94
56) 2,4-Dinitrotoluene	9.95	165	234222	39.417	ng		94
57) Fluorene	10.30	166	706338	38.411	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	181925	41.439	ng		99
59) Diethylphthalate	10.18	149	810569	37.218	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	309754	38.852	ng		98
61) 4-Nitroaniline	10.33	138	199892	35.044	ng		90
62) Azobenzene	10.45	77	762554	38.242	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	119850	36.511	ng		96
65) n-Nitrosodiphenylamine	10.42	169	657086	36.385	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	195005	36.817	ng		97
67) Hexachlorobenzene	10.85	284	209351	35.342	ng		95
68) Atrazine	10.95	200	210809	39.524	ng		99
69) Pentachlorophenol	11.05	266	225102	72.338	ng		98
70) Phenanthrene	11.26	178	1039013	36.239	ng		99
71) Anthracene	11.32	178	1076610	36.789	ng		99
72) Carbazole	11.47	167	1015051	35.554	ng		99
73) Di-n-butylphthalate	11.80	149	1304795	36.562	ng		100
74) Fluoranthene	12.44	202	1082048	37.009	ng		99
76) Benzidine	12.57	184	430203	31.864	ng		97
77) Pyrene	12.67	202	1105465	35.576	ng		99
79) Butylbenzylphthalate	13.30	149	570594	36.899	ng		97
80) Benzo(a)anthracene	13.86	228	893667	36.117	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	161433	17.785	ng		99
82) Chrysene	13.90	228	910257	36.226	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	741702	35.690	ng		100
84) Di-n-octyl phthalate	14.47	149	1357838	40.177	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	843020	40.624	ng		98
87) Benzo(b)fluoranthene	14.89	252	929530	35.961	ng		99
88) Benzo(k)fluoranthene	14.92	252	873875	35.784	ng		99
89) Benzo(a)pyrene	15.24	252	886468	38.026	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	692918	36.693	ng		98
91) Benzo(g,h,i)perylene	17.10	276	695221	37.285	ng		97

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

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