Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101604.D
Acq On : 21 Dec 2017 14:02
Operator : SJ/JU
Sample : I6681-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

Manual Integrations APPROVED
Sohil
12/22/2017 12:41:45 PM

Quant Time: Dec 22 11:22:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149094	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	589880	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	247232	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	377011	20.00	ng		0.00
75) Chrysene-d12	13.99	240	205481	20.00	ng		0.02
86) Perylene-d12	15.46	264	252178	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1029245	102.83	ng		0.01
7) Phenol-d6	6.45	99	1196030	96.01	ng		0.00
23) Nitrobenzene-d5	7.37	82	779540	73.56	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	222517	93.41	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1194181	74.93	ng		0.00
78) Terphenyl-d14	12.91	244	824235	96.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	150224	29.209	ng		96
3) Pyridine	3.34	79	376930	26.378	ng		95
4) n-Nitrosodimethylamine	3.29	42	195258	29.678	ng		100
6) Aniline	6.47	93	185217	10.699	ng	#	68
8) 2-Chlorophenol	6.59	128	327806	31.134	ng		97
9) Benzaldehyde	6.35	77	191327	20.797	ng		94
10) Phenol	6.46	94	444582	31.313	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	353395	31.732	ng		93
12) 1,3-Dichlorobenzene	6.73	146	360726	30.356	ng		97
13) 1,4-Dichlorobenzene	6.81	146	364504	30.038	ng		99
14) 1,2-Dichlorobenzene	6.96	146	332966	30.483	ng		99
15) Benzyl Alcohol	6.95	79	250287	29.191	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	559926	32.852	ng		61
17) 2-Methylphenol	7.06	107	270007	27.878	ng	#	89
18) Hexachloroethane	7.30	117	127833	30.299	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	243858	29.809	ng		91
20) 3+4-Methylphenols	7.22	107	374532	36.493	ng	#	87
22) Acetophenone	7.21	105	474675	35.266	ng	#	95
24) Nitrobenzene	7.39	77	375549	32.022	ng		97
25) Isophorone	7.62	82	676126	31.806	ng		97
26) 2-Nitrophenol	7.70	139	178339	35.395	ng		97
27) 2,4-Dimethylphenol	7.74	122	293187	34.251	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	421056	31.181	ng		99
29) 2,4-Dichlorophenol	7.96	162	279141	33.008	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	272159	30.496	ng		97
31) Naphthalene	8.10	128	969082	32.633	ng		99
32) Benzoic acid	7.86	122	51837	15.458	ng		89
33) 4-Chloroaniline	8.17	127	108209	8.384	ng		97
34) Hexachlorobutadiene	8.20	225	156515	30.323	ng		98
35) Caprolactam	8.53	113	90277m	30.744	ng		
36) 4-Chloro-3-methylphenol	8.65	107	282136	30.354	ng		98
37) 2-Methylnaphthalene	8.79	142	659318	34.077	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	275454	33.000	ng		98
40) Hexachlorocyclopentadiene	8.93	237	1231m	12.329	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	175764	34.976	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	171867	31.235	ng		95
45) 1,1'-Biphenyl	9.26	154	725874	33.106	ng		99
46) 2-Chloronaphthalene	9.29	162	519788	30.983	ng		96
47) 2-Nitroaniline	9.39	65	190652	32.896	ng		89
48) Acenaphthylene	9.70	152	891192	33.632	ng		100
49) Dimethylphthalate	9.56	163	679398	34.164	ng		99
50) 2,6-Dinitrotoluene	9.63	165	126518	31.303	ng		95
51) Acenaphthene	9.87	154	544264	34.187	ng		99
52) 3-Nitroaniline	9.80	138	96441	19.139	ng		99
53) 2,4-Dinitrophenol	9.95	184	12409	17.998	ng	#	33
54) Dibenzofuran	10.04	168	678174	33.520	ng		97
55) 4-Nitrophenol	9.99	139	133723	60.859	ng		93
56) 2,4-Dinitrotoluene	10.05	165	152991	33.597	ng	#	75
57) Fluorene	10.39	166	653937	38.208	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124090	31.390	ng		90
59) Diethylphthalate	10.25	149	586504	29.782	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	252784	30.818	ng		89
61) 4-Nitroaniline	10.42	138	106307	20.988	ng		97
62) Azobenzene	10.53	77	576924	28.280	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	14011m	7.283	ng		
65) n-Nitrosodiphenylamine	10.49	169	480517	34.518	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	150951	35.634	ng	#	87
67) Hexachlorobenzene	10.94	284	135949	30.322	ng		93
68) Atrazine	11.02	200	147204	35.463	ng		98
69) Pentachlorophenol	11.15	266	96938	57.599	ng		98
70) Phenanthrene	11.36	178	2090733	99.719	ng		99
71) Anthracene	11.40	178	1125834	52.569	ng		100
72) Carbazole	11.56	167	620276	30.935	ng		99
73) Di-n-butylphthalate	11.87	149	795857	32.702	ng		100
74) Fluoranthene	12.56	202	3453558	156.930	ng		96
76) Benzidine	12.67	184	43992	5.069	ng		96
77) Pyrene	12.80	202	3380171	219.188	ng		99
79) Butylbenzylphthalate	13.38	149	266865	38.245	ng	#	94
80) Benzo(a)anthracene	13.98	228	2749416	202.636	ng		96
81) 3,3'-Dichlorobenzidine	13.94	252	120899	27.327	ng	#	97
82) Chrysene	14.02	228	2258072	176.262	ng		96
83) Bis(2-ethylhexyl)phthalate	13.93	149	353134	39.956	ng		99
84) Di-n-octyl phthalate	14.54	149	598774	37.988	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	1590600	139.428	ng		93
87) Benzo(b)fluoranthene	15.05	252	3603872m	234.462	ng		
88) Benzo(k)fluoranthene	15.07	252	785988m	52.593	ng		
89) Benzo(a)pyrene	15.42	252	2359012	166.483	ng		96
90) Dibenzo(a,h)anthracene	16.96	278	614601	50.518	ng		94
91) Benzo(g,h,i)perylene	17.42	276	1401548	116.342	ng		93

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

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