Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098109.D
Acq On : 29 Aug 2017 14:27
Operator : SJ/JU
Sample : PB101845BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Manual Integrations APPROVED
Sohil
8/30/2017 6:44:55 PM

Quant Time: Aug 30 04:10:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117158	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	481694	20.00	ng		-0.02
38) Acenaphthene-d10	9.77	164	225125	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	459086	20.00	ng		0.00
75) Chrysene-d12	13.89	240	355141	20.00	ng		0.00
86) Perylene-d12	15.31	264	276339	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	983618	127.70	ng		0.00
7) Phenol-d6	6.38	99	1339471	127.99	ng		0.00
23) Nitrobenzene-d5	7.30	82	830980	93.72	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	290781	148.86	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1291070	84.26	ng		-0.01
78) Terphenyl-d14	12.84	244	1239157	72.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	153602	35.759	ng		89
3) Pyridine	3.19	79	445726	37.535	ng		86
4) n-Nitrosodimethylamine	3.14	42	175162	38.335	ng		79
6) Aniline	6.40	93	423259	28.790	ng	#	73
8) 2-Chlorophenol	6.52	128	347080	42.728	ng		97
9) Benzaldehyde	6.28	77	155299	23.428	ng		88
10) Phenol	6.39	94	489971	40.032	ng		93
11) bis(2-Chloroethyl)ether	6.47	93	384938	41.669	ng		97
12) 1,3-Dichlorobenzene	6.67	146	348465	39.882	ng	#	94
13) 1,4-Dichlorobenzene	6.75	146	351821	39.591	ng	#	94
14) 1,2-Dichlorobenzene	6.90	146	329703	40.238	ng		99
15) Benzyl Alcohol	6.88	79	337417	43.064	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	502529	40.431	ng		89
17) 2-Methylphenol	7.00	107	315043	44.011	ng	#	94
18) Hexachloroethane	7.25	117	143899	41.303	ng	#	83
19) n-Nitroso-di-n-propylamine	7.16	70	281686	39.319	ng		90
20) 3+4-Methylphenols	7.15	107	383504	43.864	ng		98
22) Acetophenone	7.15	105	507002	39.842	ng	#	91
24) Nitrobenzene	7.32	77	439777	44.544	ng		95
25) Isophorone	7.56	82	809103	43.883	ng		97
26) 2-Nitrophenol	7.63	139	184288	51.136	ng	#	78
27) 2,4-Dimethylphenol	7.68	122	332258	43.209	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	512526	42.282	ng		98
29) 2,4-Dichlorophenol	7.88	162	285541	44.735	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	287008	40.561	ng		100
31) Naphthalene	8.04	128	1015350	40.602	ng		100
32) Benzoic acid	7.82	122	241084	43.694	ng		88
33) 4-Chloroaniline	8.09	127	261649	24.809	ng		98
34) Hexachlorobutadiene	8.16	225	164155	39.733	ng		98
35) Caprolactam	8.47	113	107636m	49.602	ng		
36) 4-Chloro-3-methylphenol	8.58	107	358920	43.765	ng	#	78
37) 2-Methylnaphthalene	8.73	142	667924	43.565	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	266211	38.531	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	314430	94.732	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	198744	42.846 ng		96
43) 2,4,5-Trichlorophenol	9.06	196	207032	44.990 ng		97
45) 1,1'-Biphenyl	9.20	154	796252	38.786 ng		96
46) 2-Chloronaphthalene	9.22	162	585263	38.584 ng	#	92
47) 2-Nitroaniline	9.32	65	237464	46.698 ng		98
48) Acenaphthylene	9.64	152	982468	41.245 ng		99
49) Dimethylphthalate	9.50	163	742577	45.125 ng		99
50) 2,6-Dinitrotoluene	9.56	165	160030	48.719 ng	#	55
51) Acenaphthene	9.81	154	580359	38.631 ng		99
52) 3-Nitroaniline	9.73	138	136359	32.176 ng		93
53) 2,4-Dinitrophenol	9.85	184	161867	100.603 ng	#	76
54) Dibenzofuran	9.98	168	865340	42.979 ng		99
55) 4-Nitrophenol	9.91	139	285079	84.326 ng	#	46
56) 2,4-Dinitrotoluene	9.97	165	209937	50.928 ng	#	51
57) Fluorene	10.32	166	663393	42.616 ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	183603	51.533 ng		92
59) Diethylphthalate	10.20	149	771195	44.814 ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	313251	43.316 ng	#	86
61) 4-Nitroaniline	10.35	138	190514	47.298 ng		74
62) Azobenzene	10.47	77	914012	44.714 ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	110038	50.368 ng	#	74
65) n-Nitrosodiphenylamine	10.44	169	624607	39.954 ng		100
66) 4-Bromophenyl-phenylether	10.80	248	197586	41.446 ng		95
67) Hexachlorobenzene	10.87	284	193552	39.833 ng	#	88
68) Atrazine	10.97	200	195512	47.158 ng		97
69) Pentachlorophenol	11.07	266	230812	81.468 ng		98
70) Phenanthrene	11.28	178	1001880	40.954 ng		100
71) Anthracene	11.33	178	1030714	41.540 ng		99
72) Carbazole	11.49	167	981454	41.671 ng		98
73) Di-n-butylphthalate	11.82	149	1275455	47.015 ng		99
74) Fluoranthene	12.47	202	1089135	42.654 ng		99
76) Benzidine	12.59	184	483866	41.554 ng	#	91
77) Pyrene	12.70	202	1109084	38.183 ng		99
79) Butylbenzylphthalate	13.32	149	547871	49.196 ng	#	70
80) Benzo(a)anthracene	13.89	228	813110	38.201 ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	228622	31.831 ng	#	96
82) Chrysene	13.92	228	823429	38.889 ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	670389	54.324 ng	#	97
84) Di-n-octyl phthalate	14.49	149	1218132	56.731 ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	672512	43.176 ng		95
87) Benzo(b)fluoranthene	14.90	252	753128	43.237 ng		98
88) Benzo(k)fluoranthene	14.93	252	637240	38.940 ng	#	96
89) Benzo(a)pyrene	15.25	252	663600	43.035 ng		99
90) Dibenzo(a,h)anthracene	16.70	278	553845	44.118 ng		99
91) Benzo(g,h,i)perylene	17.11	276	575915	43.967 ng	#	92

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

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