Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080545.D
Acq On : 17 Jul 2015 20:55
Operator : TP/UM
Sample : PB84565BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84565BS

Manual Integrations APPROVED
apatel
7/20/2015 3:44:28 PM

Quant Time: Jul 20 14:15:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 13:29:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37941	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	169496	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	85467	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	166798	20.00	ng		0.00
75) Chrysene-d12	14.43	240	160267	20.00	ng		0.08
86) Perylene-d12	16.16	264	152652	20.00	ng		0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	302899	124.47	ng		0.00
7) Phenol-d6	6.70	99	357632	129.14	ng		0.00
23) Nitrobenzene-d5	7.63	82	221447	83.30	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	100345	131.20	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	481999	79.21	ng		0.00
78) Terphenyl-d14	13.23	244	493199	68.72	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	38439	37.76	ng		92
3) Pyridine	3.74	79	64254	35.93	ng		96
4) n-Nitrosodimethylamine	3.55	42	60717	45.25	ng		99
6) Aniline	6.74	93	121457	33.28	ng		95
8) 2-Chlorophenol	6.85	128	109117	42.97	ng		96
9) Benzaldehyde	6.62	77	35680	22.81	ng		96
10) Phenol	6.73	94	130224	40.66	ng		92
11) bis(2-Chloroethyl)ether	6.80	93	101328	41.86	ng		97
12) 1,3-Dichlorobenzene	7.00	146	117820	41.23	ng		99
13) 1,4-Dichlorobenzene	7.08	146	127722	40.58	ng		99
14) 1,2-Dichlorobenzene	7.24	146	112985	39.04	ng		97
15) Benzyl Alcohol	7.22	79	72346	40.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.33	45	166606	40.45	ng		97
17) 2-Methylphenol	7.33	107	81334	42.00	ng		98
18) Hexachloroethane	7.58	117	37394	37.07	ng		98
19) n-Nitroso-di-n-propylamine	7.47	70	64493	40.83	ng		100
20) 3+4-Methylphenols	7.48	107	120986	43.27	ng		99
22) Acetophenone	7.47	105	137439	37.78	ng		99
24) Nitrobenzene	7.65	77	101812	33.89	ng		98
25) Isophorone	7.88	82	195534	38.53	ng		99
26) 2-Nitrophenol	7.97	139	52422	35.56	ng		97
27) 2,4-Dimethylphenol	8.01	122	106857	42.33	ng		96
28) bis(2-Chloroethoxy)methane	8.10	93	109861	39.10	ng		99
29) 2,4-Dichlorophenol	8.21	162	90183	42.19	ng		99
30) 1,2,4-Trichlorobenzene	8.29	180	102459	37.49	ng		98
31) Naphthalene	8.37	128	327695	39.06	ng		99
32) Benzoic acid	8.10	122	47171	42.14	ng		97
33) 4-Chloroaniline	8.43	127	98414	29.44	ng		97
34) Hexachlorobutadiene	8.49	225	48555	38.10	ng		100
35) Caprolactam	8.77	113	22561	44.18	ng	#	61
36) 4-Chloro-3-methylphenol	8.91	107	100518	45.64	ng		99
37) 2-Methylnaphthalene	9.06	142	209549	40.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	98166	36.32	ng		97
40) Hexachlorocyclopentadiene	9.22	237	104908	82.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	65031	41.78	ng		99
43) 2,4,5-Trichlorophenol	9.39	196	72353	42.54	ng		96
45) 1,1'-Biphenyl	9.53	154	260901	36.82	ng		99
46) 2-Chloronaphthalene	9.55	162	199756	38.26	ng		100
47) 2-Nitroaniline	9.65	65	50983	40.36	ng		99
48) Acenaphthylene	9.97	152	336104	38.88	ng		99
49) Dimethylphthalate	9.82	163	244294	42.95	ng		99
50) 2,6-Dinitrotoluene	9.89	165	47345	42.53	ng	#	42
51) Acenaphthene	10.14	154	228720	43.29	ng		99
52) 3-Nitroaniline	10.08	138	45258	36.38	ng	#	66
53) 2,4-Dinitrophenol	10.17	184	56247	84.78	ng	#	82
54) Dibenzofuran	10.32	168	302584	41.14	ng		98
55) 4-Nitrophenol	10.24	139	91263	84.17	ng		90
56) 2,4-Dinitrotoluene	10.29	165	74996	44.05	ng		92
57) Fluorene	10.66	166	237470	40.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.44	232	53812	46.36	ng	#	94
59) Diethylphthalate	10.52	149	239019	44.52	ng		99
60) 4-Chlorophenyl-phenylether	10.65	204	105355	40.35	ng		93
61) 4-Nitroaniline	10.68	138	58193	42.65	ng		95
62) Azobenzene	10.81	77	234426	43.39	ng	#	78
64) 4,6-Dinitro-2-methylphenol	10.70	198	31525	41.86	ng		99
65) n-Nitrosodiphenylamine	10.76	169	218822	39.82	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	58323	38.14	ng		96
67) Hexachlorobenzene	11.21	284	70519	38.03	ng		93
68) Atrazine	11.29	200	55243	42.48	ng		85
69) Pentachlorophenol	11.41	266	65673	70.12	ng		96
70) Phenanthrene	11.62	178	352527	38.79	ng		99
71) Anthracene	11.68	178	360169	40.80	ng		99
72) Carbazole	11.84	167	329213	41.63	ng		99
73) Di-n-butylphthalate	12.15	149	362095	43.94	ng		99
74) Fluoranthene	12.84	202	354122	41.68	ng		96
76) Benzidine	12.97	184	166818	38.90	ng		99
77) Pyrene	13.08	202	394101	38.10	ng		99
79) Butylbenzylphthalate	13.75	149	137740	41.08	ng	#	79
80) Benzo(a)anthracene	14.42	228	353831	39.67	ng		99
81) 3,3'-Dichlorobenzidine	14.39	252	85294	30.27	ng		100
82) Chrysene	14.47	228	340168	38.06	ng		99
83) Bis(2-ethylhexyl)phthalate	14.40	149	201233	40.77	ng	#	95
84) Di-n-octyl phthalate	15.15	149	313448	42.30	ng		99
85) Indeno(1,2,3-cd)pyrene	17.76	276	404111	43.89	ng		99
87) Benzo(b)fluoranthene	15.69	252	399707	42.24	ng	#	96
88) Benzo(k)fluoranthene	15.72	252	309506m	37.78	ng		
89) Benzo(a)pyrene	16.09	252	349138	43.30	ng	#	96
90) Dibenzo(a,h)anthracene	17.77	278	343410	43.25	ng		96
91) Benzo(g,h,i)perylene	18.24	276	354215	44.20	ng		98

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

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