Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083355.D
Acq On : 1 Dec 2015 1:42
Operator : UM/IZ
Sample : PB86847BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:04 PM

Quant Time: Dec 01 02:39:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	164266	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	635984	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	329018	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	634282	20.00	ng		0.00
75) Chrysene-d12	14.75	240	605203	20.00	ng		-0.01
86) Perylene-d12	16.82	264	458256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	763368	69.73	ng		0.01
7) Phenol-d6	6.21	99	978379	65.30	ng		-0.01
23) Nitrobenzene-d5	7.13	82	959355	66.31	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	218214	66.07	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1572018	68.09	ng		0.00
78) Terphenyl-d14	13.22	244	1624952	64.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	155673	26.26	ng	#	86
3) Pyridine	2.65	79	393767	26.56	ng		98
4) n-Nitrosodimethylamine	2.60	42	237622	32.56	ng		90
6) Aniline	6.21	93	356878	17.41	ng		94
8) 2-Chlorophenol	6.34	128	398912	33.04	ng		98
9) Benzaldehyde	6.09	77	99786	11.25	ng		94
10) Phenol	6.22	94	509436	28.26	ng	#	69
11) bis(2-Chloroethyl)ether	6.29	93	434943	33.16	ng		95
12) 1,3-Dichlorobenzene	6.49	146	432577	32.23	ng		98
13) 1,4-Dichlorobenzene	6.57	146	438920	31.64	ng		98
14) 1,2-Dichlorobenzene	6.72	146	391471m	30.76	ng		
15) Benzyl Alcohol	6.72	79	387898	33.50	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	746486	32.44	ng	#	48
17) 2-Methylphenol	6.84	107	344732	34.25	ng		98
18) Hexachloroethane	7.06	117	153756	31.91	ng		96
19) n-Nitroso-di-n-propylamine	6.98	70	323054	30.16	ng		91
20) 3+4-Methylphenols	7.00	107	456471	33.48	ng		99
22) Acetophenone	6.97	105	567225	29.81	ng	#	93
24) Nitrobenzene	7.14	77	465857	30.15	ng		89
25) Isophorone	7.39	82	858788	30.64	ng		97
26) 2-Nitrophenol	7.46	139	200445	31.78	ng		94
27) 2,4-Dimethylphenol	7.53	122	346669	32.79	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	532645	33.38	ng		99
29) 2,4-Dichlorophenol	7.71	162	341637	33.60	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	339044	30.64	ng		97
31) Naphthalene	7.86	128	1124849	32.60	ng		98
32) Benzoic acid	7.66	122	218918	30.02	ng		100
33) 4-Chloroaniline	7.93	127	196854	13.23	ng		98
34) Hexachlorobutadiene	7.98	225	198819	31.64	ng		99
35) Caprolactam	8.29	113	113598m	35.36	ng		
36) 4-Chloro-3-methylphenol	8.43	107	378226	33.16	ng		96
37) 2-Methylnaphthalene	8.54	142	722956	31.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	320564	30.74	ng		97
40) Hexachlorocyclopentadiene	8.70	237	316938	63.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	242015	33.08	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	259333	34.21	ng		99
45) 1,1'-Biphenyl	9.01	154	873501	30.27	ng		96
46) 2-Chloronaphthalene	9.04	162	736947	33.52	ng		96
47) 2-Nitroaniline	9.14	65	266716	30.63	ng	#	75
48) Acenaphthylene	9.45	152	1158621	33.04	ng		99
49) Dimethylphthalate	9.33	163	871889	32.61	ng		99
50) 2,6-Dinitrotoluene	9.39	165	198735	34.80	ng	#	83
51) Acenaphthene	9.62	154	672370	32.59	ng		99
52) 3-Nitroaniline	9.55	138	105670	15.79	ng	#	76
53) 2,4-Dinitrophenol	9.66	184	224416	65.49	ng		96
54) Dibenzofuran	9.79	168	973212	32.19	ng		99
55) 4-Nitrophenol	9.76	139	277290	66.24	ng	#	59
56) 2,4-Dinitrotoluene	9.79	165	248073	34.24	ng		91
57) Fluorene	10.13	166	815056	34.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	193144	31.58	ng		94
59) Diethylphthalate	10.03	149	843650	33.10	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	373708	34.07	ng		96
61) 4-Nitroaniline	10.17	138	187031	27.93	ng		88
62) Azobenzene	10.29	77	1036884	33.68	ng		96
64) 4,6-Dinitro-2-methylphenol	10.20	198	151439	35.56	ng		78
65) n-Nitrosodiphenylamine	10.26	169	718967	32.26	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	225823	32.55	ng		95
67) Hexachlorobenzene	10.69	284	248998	32.46	ng	#	71
68) Atrazine	10.82	200	205844	33.39	ng		99
69) Pentachlorophenol	10.92	266	283373	70.51	ng		99
70) Phenanthrene	11.15	178	1241858	33.08	ng		99
71) Anthracene	11.22	178	1283685	33.97	ng		100
72) Carbazole	11.41	167	1158247	34.11	ng		100
73) Di-n-butylphthalate	11.86	149	1364905	33.92	ng		99
74) Fluoranthene	12.66	202	1286491	33.06	ng		97
76) Benzidine	12.87	184	368443	20.44	ng		98
77) Pyrene	12.97	202	1330062	31.47	ng		98
79) Butylbenzylphthalate	13.96	149	576206	32.14	ng		96
80) Benzo(a)anthracene	14.74	228	1199740	32.36	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	268416	23.18	ng		99
82) Chrysene	14.80	228	1133410	31.64	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	815205	33.89	ng		100
84) Di-n-octyl phthalate	15.85	149	1290316	36.03	ng		100
85) Indeno(1,2,3-cd)pyrene	18.19	276	844526	32.37	ng		99
87) Benzo(b)fluoranthene	16.31	252	1041683	35.43	ng		99
88) Benzo(k)fluoranthene	16.35	252	872958	31.44	ng		99
89) Benzo(a)pyrene	16.74	252	890124	35.24	ng	#	96
90) Dibenzo(a,h)anthracene	18.23	278	715724	32.52	ng		98
91) Benzo(g,h,i)perylene	18.57	276	694404	32.15	ng		96

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

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