Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081878.D
Acq On : 29 Sep 2015 14:22
Operator : UM/IZ
Sample : PB85717BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85717BSD

Manual Integrations APPROVED
apatel
9/30/2015 9:09:07 AM

Quant Time: Sep 30 01:23:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	84225	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	326133	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	169676	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	349066	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	348854	20.00	ng		-0.01
86) Perylene-d12	15.57	264	309677	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	467875	100.84	ng		0.00
7) Phenol-d6	6.55	99	636004	108.94	ng		-0.01
23) Nitrobenzene-d5	7.49	82	414324	84.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	238209	138.62	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	894670	89.06	ng		-0.01
78) Terphenyl-d14	13.04	244	988563	94.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	52094	25.82	ng		92
3) Pyridine	3.35	79	146821	27.95	ng		91
4) n-Nitrosodimethylamine	3.30	42	75408	31.60	ng		90
6) Aniline	6.59	93	193678	24.69	ng	#	88
8) 2-Chlorophenol	6.71	128	189595	37.00	ng		97
9) Benzaldehyde	6.47	77	56729	14.84	ng	#	74
10) Phenol	6.57	94	212952	32.52	ng		76
11) bis(2-Chloroethyl)ether	6.66	93	196049	38.60	ng		93
12) 1,3-Dichlorobenzene	6.86	146	209933	34.69	ng	#	91
13) 1,4-Dichlorobenzene	6.94	146	229066m	36.25	ng		
14) 1,2-Dichlorobenzene	7.10	146	207236	36.80	ng		99
15) Benzyl Alcohol	7.07	79	156307	37.09	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.20	45	262198	36.52	ng		76
17) 2-Methylphenol	7.18	107	153446	36.94	ng	#	82
18) Hexachloroethane	7.43	117	73438	37.12	ng		91
19) n-Nitroso-di-n-propylamine	7.34	70	132824	37.43	ng	#	78
20) 3+4-Methylphenols	7.33	107	193467	36.87	ng	#	66
22) Acetophenone	7.34	105	269111	40.36	ng	#	80
24) Nitrobenzene	7.51	77	201185	37.87	ng	#	68
25) Isophorone	7.75	82	365516	37.69	ng	#	91
26) 2-Nitrophenol	7.83	139	105719	41.46	ng	#	74
27) 2,4-Dimethylphenol	7.86	122	175607	39.14	ng	#	78
28) bis(2-Chloroethoxy)methane	7.97	93	218680	37.97	ng	#	95
29) 2,4-Dichlorophenol	8.07	162	179989	41.38	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	185082	38.11	ng		98
31) Naphthalene	8.23	128	558262	38.63	ng		97
32) Benzoic acid	7.99	122	87453	34.95	ng	#	73
33) 4-Chloroaniline	8.29	127	129756	20.77	ng	#	91
34) Hexachlorobutadiene	8.34	225	115316	40.15	ng		97
35) Caprolactam	8.65	113	48260m	40.07	ng		
36) 4-Chloro-3-methylphenol	8.77	107	189437	44.54	ng		85
37) 2-Methylnaphthalene	8.93	142	403305	40.89	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	186176	35.74	ng		99
40) Hexachlorocyclopentadiene	9.07	237	247644	92.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	127564	35.72	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	157157	42.79	ng		98
45) 1,1'-Biphenyl	9.39	154	493738	37.72	ng		94
46) 2-Chloronaphthalene	9.42	162	407348	39.63	ng		96
47) 2-Nitroaniline	9.52	65	123211	40.83	ng		88
48) Acenaphthylene	9.83	152	623275	37.89	ng		96
49) Dimethylphthalate	9.69	163	486400	41.53	ng	#	97
50) 2,6-Dinitrotoluene	9.76	165	110270	43.37	ng		94
51) Acenaphthene	10.00	154	423178	43.32	ng		89
52) 3-Nitroaniline	9.93	138	76094	25.87	ng	#	76
53) 2,4-Dinitrophenol	10.03	184	99576	80.22	ng	#	69
54) Dibenzofuran	10.17	168	548318	39.72	ng	#	83
55) 4-Nitrophenol	10.09	139	180377	84.86	ng	#	50
56) 2,4-Dinitrotoluene	10.16	165	152082	46.92	ng	#	85
57) Fluorene	10.51	166	438064	44.33	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.29	232	127385	43.73	ng		95
59) Diethylphthalate	10.39	149	472972	43.23	ng		97
60) 4-Chlorophenyl-phenylether	10.51	204	210714	41.69	ng		97
61) 4-Nitroaniline	10.55	138	110844	37.58	ng	#	38
62) Azobenzene	10.67	77	475595	44.54	ng		97
64) 4,6-Dinitro-2-methylphenol	10.57	198	64872	42.18	ng	#	65
65) n-Nitrosodiphenylamine	10.63	169	390077	36.93	ng		91
66) 4-Bromophenyl-phenylether	11.01	248	144594	41.08	ng	#	89
67) Hexachlorobenzene	11.06	284	157264	39.59	ng	#	83
68) Atrazine	11.15	200	128367	39.17	ng		82
69) Pentachlorophenol	11.26	266	184129	81.36	ng		97
70) Phenanthrene	11.49	178	724837	43.08	ng		97
71) Anthracene	11.53	178	734865	41.42	ng		97
72) Carbazole	11.69	167	671820	41.84	ng		94
73) Di-n-butylphthalate	12.01	149	768031	47.02	ng	#	98
74) Fluoranthene	12.68	202	794119	42.47	ng		86
76) Benzidine	12.80	184	298437	28.39	ng		98
77) Pyrene	12.90	202	814325	39.07	ng		96
79) Butylbenzylphthalate	13.52	149	369581	47.13	ng		95
80) Benzo(a)anthracene	14.09	228	735514	39.15	ng		95
81) 3,3'-Dichlorobenzidine	14.06	252	175923	27.73	ng	#	94
82) Chrysene	14.13	228	609224	32.69	ng		94
83) Bis(2-ethylhexyl)phthalate	14.08	149	502822	51.11	ng		95
84) Di-n-octyl phthalate	14.69	149	830383	51.87	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.03	276	636883	43.34	ng	#	84
87) Benzo(b)fluoranthene	15.14	252	681423	38.54	ng	#	85
88) Benzo(k)fluoranthene	15.17	252	637900m	39.36	ng		
89) Benzo(a)pyrene	15.51	252	619401	40.39	ng	#	85
90) Dibenzo(a,h)anthracene	17.05	278	524468	40.76	ng	#	78
91) Benzo(g,h,i)perylene	17.48	276	517775	39.27	ng	#	74

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

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