Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082082.D
Acq On : 6 Oct 2015 14:05
Operator : UM/IZ
Sample : PB85944BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85944BS

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:51:49 PM

Quant Time: Oct 07 03:49:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	86443	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	349803	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	177352	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	356752	20.00	ng		0.00
75) Chrysene-d12	14.06	240	332390	20.00	ng		-0.01
86) Perylene-d12	15.51	264	303447	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	487152	102.30	ng		0.01
7) Phenol-d6	6.51	99	668828	111.62	ng		0.00
23) Nitrobenzene-d5	7.45	82	405651	77.30	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	189468	105.49	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	804646	74.04	ng		0.00
78) Terphenyl-d14	13.01	244	1004349	103.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	67670	32.68	ng		87
3) Pyridine	3.29	79	192999	35.80	ng		85
4) n-Nitrosodimethylamine	3.26	42	75703	30.91	ng		90
6) Aniline	6.55	93	205166	25.49	ng		93
8) 2-Chlorophenol	6.66	128	197539	37.57	ng		85
9) Benzaldehyde	6.43	77	33679	8.58	ng		91
10) Phenol	6.54	94	225674	33.58	ng	#	49
11) bis(2-Chloroethyl)ether	6.62	93	196746	37.74	ng		98
12) 1,3-Dichlorobenzene	6.82	146	242163	38.99	ng	#	96
13) 1,4-Dichlorobenzene	6.90	146	239846	36.98	ng		97
14) 1,2-Dichlorobenzene	7.05	146	229501	39.71	ng		93
15) Benzyl Alcohol	7.03	79	161548	37.35	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	288596	39.16	ng		81
17) 2-Methylphenol	7.14	107	171977	40.34	ng	#	85
18) Hexachloroethane	7.39	117	82794	40.78	ng	#	79
19) n-Nitroso-di-n-propylamine	7.30	70	140901	38.69	ng	#	76
20) 3+4-Methylphenols	7.29	107	195992	36.40	ng	#	55
22) Acetophenone	7.29	105	272183	38.06	ng	#	74
24) Nitrobenzene	7.47	77	213350	37.44	ng	#	78
25) Isophorone	7.70	82	379254	36.46	ng	#	88
26) 2-Nitrophenol	7.78	139	107636	39.35	ng	#	54
27) 2,4-Dimethylphenol	7.83	122	193508	40.22	ng	#	83
28) bis(2-Chloroethoxy)methane	7.92	93	229943	37.23	ng	#	93
29) 2,4-Dichlorophenol	8.03	162	187626	40.21	ng		95
30) 1,2,4-Trichlorobenzene	8.11	180	201321	38.65	ng		99
31) Naphthalene	8.19	128	597617	38.56	ng		98
32) Benzoic acid	7.94	122	101446	37.20	ng	#	70
33) 4-Chloroaniline	8.25	127	145135	21.65	ng	#	96
34) Hexachlorobutadiene	8.31	225	125369	40.70	ng		99
35) Caprolactam	8.61	113	56299m	43.59	ng		
36) 4-Chloro-3-methylphenol	8.73	107	194432	42.62	ng		88
37) 2-Methylnaphthalene	8.88	142	391591	37.01	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	208675	38.33	ng		99
40) Hexachlorocyclopentadiene	9.03	237	209461	74.70	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	144147	38.62	ng		97
43) 2,4,5-Trichlorophenol	9.21	196	151753	39.53	ng	#	93
45) 1,1'-Biphenyl	9.35	154	516261	37.73	ng		95
46) 2-Chloronaphthalene	9.37	162	393007	36.58	ng		94
47) 2-Nitroaniline	9.47	65	120389	38.17	ng	#	79
48) Acenaphthylene	9.79	152	665871	38.72	ng		97
49) Dimethylphthalate	9.66	163	505919	41.33	ng	#	97
50) 2,6-Dinitrotoluene	9.71	165	100635	37.86	ng	#	61
51) Acenaphthene	9.97	154	397689	38.95	ng		88
52) 3-Nitroaniline	9.89	138	78811	25.63	ng	#	66
53) 2,4-Dinitrophenol	10.00	184	110211	82.96	ng	#	82
54) Dibenzofuran	10.14	168	589075	40.82	ng	#	91
55) 4-Nitrophenol	10.06	139	172673	77.72	ng	#	64
56) 2,4-Dinitrotoluene	10.13	165	152940	45.14	ng	#	97
57) Fluorene	10.48	166	476162	46.19	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	130049	42.71	ng		95
59) Diethylphthalate	10.35	149	498686	43.61	ng		97
60) 4-Chlorophenyl-phenylether	10.47	204	209269	39.61	ng	#	88
61) 4-Nitroaniline	10.50	138	113531	36.82	ng	#	48
62) Azobenzene	10.63	77	457562	41.00	ng		91
64) 4,6-Dinitro-2-methylphenol	10.53	198	70700	44.46	ng		93
65) n-Nitrosodiphenylamine	10.59	169	420411	38.95	ng		92
66) 4-Bromophenyl-phenylether	10.96	248	145519	40.45	ng		98
67) Hexachlorobenzene	11.03	284	145168	35.76	ng	#	74
68) Atrazine	11.12	200	138482	41.35	ng		84
69) Pentachlorophenol	11.22	266	173070	74.82	ng		99
70) Phenanthrene	11.44	178	674271	39.05	ng		96
71) Anthracene	11.50	178	776457	42.82	ng		98
72) Carbazole	11.66	167	664156	40.47	ng		97
73) Di-n-butylphthalate	11.98	149	791693	47.44	ng	#	98
74) Fluoranthene	12.63	202	739047	38.67	ng		91
76) Benzidine	12.75	184	345509	34.50	ng		98
77) Pyrene	12.86	202	724149	36.47	ng		95
79) Butylbenzylphthalate	13.47	149	323603	43.31	ng		88
80) Benzo(a)anthracene	14.05	228	705209	39.40	ng		96
81) 3,3'-Dichlorobenzidine	14.01	252	171538	28.38	ng	#	95
82) Chrysene	14.09	228	714451	46.57	ng		94
83) Bis(2-ethylhexyl)phthalate	14.04	149	474012	50.57	ng	#	95
84) Di-n-octyl phthalate	14.65	149	772879	50.67	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.95	276	585278	41.80	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	786619m	45.40	ng		
88) Benzo(k)fluoranthene	15.12	252	522515m	32.91	ng		
89) Benzo(a)pyrene	15.45	252	625417	41.62	ng	#	85
90) Dibenzo(a,h)anthracene	16.96	278	481027	38.15	ng	#	81
91) Benzo(g,h,i)perylene	17.38	276	473978	36.68	ng	#	76

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

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