Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081522.D
Acq On : 8 Sep 2015 15:00
Operator : UM/IZ
Sample : PB85436BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85436BS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:57:34 PM

Quant Time: Sep 09 00:23:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	55234	20.00	ng		0.00
21) Naphthalene-d8	7.63	136	210008	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	104344	20.00	ng		0.00
63) Phenanthrene-d10	10.85	188	218828	20.00	ng		0.00
75) Chrysene-d12	13.45	240	179919	20.00	ng		0.00
86) Perylene-d12	14.75	264	114846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	383854	107.82	ng		0.02
7) Phenol-d6	6.02	99	504024	106.96	ng		0.00
23) Nitrobenzene-d5	6.92	82	322356	74.06	ng		0.00
41) 2,4,6-Tribromophenol	10.17	330	118361	127.40	ng		0.01
44) 2-Fluorobiphenyl	8.72	172	532722	65.43	ng		0.00
78) Terphenyl-d14	12.42	244	516967	66.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	41264	25.81	ng	#	81
3) Pyridine	2.28	79	113243	25.68	ng	#	85
4) n-Nitrosodimethylamine	2.25	42	90263	36.85	ng	#	68
6) Aniline	6.01	93	164837	24.77	ng	#	79
8) 2-Chlorophenol	6.14	128	145653	37.13	ng		91
9) Benzaldehyde	5.88	77	17200	5.83	ng	#	81
10) Phenol	6.03	94	172106	31.49	ng	#	43
11) bis(2-Chloroethyl)ether	6.10	93	144037	36.53	ng		89
12) 1,3-Dichlorobenzene	6.28	146	146221	34.89	ng	#	92
13) 1,4-Dichlorobenzene	6.36	146	153723	36.02	ng	#	90
14) 1,2-Dichlorobenzene	6.51	146	129376	33.67	ng	#	86
15) Benzyl Alcohol	6.51	79	135294	35.00	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	6.65	45	293931	38.89	ng	#	1
17) 2-Methylphenol	6.65	107	121107	38.69	ng	#	74
18) Hexachloroethane	6.86	117	59823	36.03	ng		90
19) n-Nitroso-di-n-propylamine	6.79	70	113423	35.37	ng	#	90
20) 3+4-Methylphenols	6.81	107	153053	36.27	ng		88
22) Acetophenone	6.78	105	216206	37.69	ng	#	75
24) Nitrobenzene	6.95	77	184198	40.75	ng	#	65
25) Isophorone	7.20	82	297937	36.80	ng	#	87
26) 2-Nitrophenol	7.27	139	76972	39.07	ng	#	52
27) 2,4-Dimethylphenol	7.34	122	127854	37.57	ng	#	83
28) bis(2-Chloroethoxy)methane	7.42	93	167061	35.72	ng	#	91
29) 2,4-Dichlorophenol	7.52	162	114823	38.91	ng		96
30) 1,2,4-Trichlorobenzene	7.59	180	123865	38.64	ng		98
31) Naphthalene	7.66	128	375238	33.50	ng		98
32) Benzoic acid	7.48	122	56111	24.42	ng	#	55
33) 4-Chloroaniline	7.72	127	110919	24.28	ng	#	82
34) Hexachlorobutadiene	7.78	225	71711	36.76	ng		97
35) Caprolactam	8.10	113	41594m	45.96	ng		
36) 4-Chloro-3-methylphenol	8.24	107	143717	43.51	ng	#	80
37) 2-Methylnaphthalene	8.35	142	285661	39.19	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	114729	34.77	ng		98
40) Hexachlorocyclopentadiene	8.50	237	109624	67.69	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	76723	33.69	ng		96
43) 2,4,5-Trichlorophenol	8.70	196	79596	34.26	ng	#	92
45) 1,1'-Biphenyl	8.82	154	337185	35.12	ng		95
46) 2-Chloronaphthalene	8.83	162	243524	35.13	ng	#	88
47) 2-Nitroaniline	8.95	65	111081	39.31	ng	#	72
48) Acenaphthylene	9.24	152	424101	34.48	ng		97
49) Dimethylphthalate	9.14	163	305746	37.71	ng	#	96
50) 2,6-Dinitrotoluene	9.20	165	57353	31.17	ng		93
51) Acenaphthene	9.42	154	250502	35.80	ng		91
52) 3-Nitroaniline	9.36	138	57303	27.36	ng	#	77
53) 2,4-Dinitrophenol	9.47	184	64390	83.08	ng	#	65
54) Dibenzofuran	9.59	168	388577	38.04	ng	#	89
55) 4-Nitrophenol	9.55	139	90664m	68.89	ng		
56) 2,4-Dinitrotoluene	9.60	165	81474	34.78	ng	#	90
57) Fluorene	9.92	166	271625	35.04	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.71	232	71291	40.19	ng		91
59) Diethylphthalate	9.83	149	292004	34.24	ng		94
60) 4-Chlorophenyl-phenylether	9.93	204	139617	38.64	ng		94
61) 4-Nitroaniline	9.96	138	64556	30.50	ng	#	21
62) Azobenzene	10.08	77	331771	34.99	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.00	198	43953	35.91	ng		92
65) n-Nitrosodiphenylamine	10.04	169	239451	30.07	ng		92
66) 4-Bromophenyl-phenylether	10.41	248	80952	36.59	ng	#	89
67) Hexachlorobenzene	10.47	284	78127	33.77	ng	#	76
68) Atrazine	10.59	200	85990	37.32	ng		82
69) Pentachlorophenol	10.66	266	76986	69.63	ng		99
70) Phenanthrene	10.87	178	432980	35.59	ng		97
71) Anthracene	10.91	178	404468	32.36	ng		99
72) Carbazole	11.09	167	448478	38.24	ng		96
73) Di-n-butylphthalate	11.44	149	536093	38.71	ng	#	99
74) Fluoranthene	12.03	202	435498	33.07	ng		91
76) Benzidine	12.18	184	209166	27.08	ng		98
77) Pyrene	12.26	202	486473	36.50	ng		98
79) Butylbenzylphthalate	12.91	149	225678	38.94	ng		91
80) Benzo(a)anthracene	13.44	228	390206	34.06	ng		97
81) 3,3'-Dichlorobenzidine	13.42	252	82451	21.33	ng		96
82) Chrysene	13.47	228	318716	31.03	ng		95
83) Bis(2-ethylhexyl)phthalate	13.47	149	266888	34.89	ng	#	88
84) Di-n-octyl phthalate	14.08	149	404863	32.14	ng		94
85) Indeno(1,2,3-cd)pyrene	15.83	276	234718	31.15	ng	#	85
87) Benzo(b)fluoranthene	14.43	252	337445m	41.16	ng		
88) Benzo(k)fluoranthene	14.46	252	240966m	35.42	ng		
89) Benzo(a)pyrene	14.71	252	253396	36.47	ng	#	87
90) Dibenzo(a,h)anthracene	15.84	278	195884	36.49	ng	#	79
91) Benzo(g,h,i)perylene	16.14	276	196099	38.27	ng	#	77

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

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