Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081420.D
Acq On : 4 Sep 2015 15:41
Operator : UM/IZ
Sample : PB85372BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:56:40 PM

Quant Time: Sep 07 01:18:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:02:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	68290	20.00	ng		0.00
21) Naphthalene-d8	7.66	136	261341	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	129331	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	238417	20.00	ng		0.00
75) Chrysene-d12	13.46	240	166702	20.00	ng		0.00
86) Perylene-d12	14.77	264	114283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	509764	115.82	ng		0.02
7) Phenol-d6	6.03	99	677533	116.29	ng		0.00
23) Nitrobenzene-d5	6.94	82	408937	75.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	130143	113.01	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	642801	63.69	ng		-0.01
78) Terphenyl-d14	12.43	244	546995	76.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	59504	30.10	ng	#	88
3) Pyridine	2.32	79	155527	28.53	ng		93
4) n-Nitrosodimethylamine	2.28	42	115449	38.13	ng		80
6) Aniline	6.02	93	193517	23.52	ng	#	80
8) 2-Chlorophenol	6.15	128	181509	37.42	ng		83
9) Benzaldehyde	5.90	77	22646	6.20	ng	#	78
10) Phenol	6.06	94	210617	31.17	ng		78
11) bis(2-Chloroethyl)ether	6.11	93	178947	36.71	ng		86
12) 1,3-Dichlorobenzene	6.30	146	182635	35.24	ng	#	91
13) 1,4-Dichlorobenzene	6.38	146	175699	33.30	ng	#	87
14) 1,2-Dichlorobenzene	6.54	146	159879	33.65	ng		96
15) Benzyl Alcohol	6.52	79	171532	35.89	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	367820	39.37	ng		81
17) 2-Methylphenol	6.66	107	141910	36.67	ng	#	73
18) Hexachloroethane	6.87	117	71805	34.98	ng		93
19) n-Nitroso-di-n-propylamine	6.81	70	149254	37.64	ng	#	83
20) 3+4-Methylphenols	6.82	107	189899	36.39	ng		87
22) Acetophenone	6.79	105	259531	36.36	ng	#	75
24) Nitrobenzene	6.96	77	224015	39.82	ng	#	64
25) Isophorone	7.21	82	370693	36.79	ng	#	86
26) 2-Nitrophenol	7.28	139	96525	39.37	ng	#	53
27) 2,4-Dimethylphenol	7.35	122	161566	38.15	ng	#	80
28) bis(2-Chloroethoxy)methane	7.43	93	208219	35.78	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	146665	39.94	ng		94
30) 1,2,4-Trichlorobenzene	7.60	180	147217	36.90	ng		97
31) Naphthalene	7.67	128	478694	34.35	ng		98
32) Benzoic acid	7.48	122	75735	26.27	ng	#	61
33) 4-Chloroaniline	7.74	127	110472	19.43	ng	#	82
34) Hexachlorobutadiene	7.80	225	88149	36.31	ng		98
35) Caprolactam	8.11	113	49100m	43.60	ng		
36) 4-Chloro-3-methylphenol	8.25	107	173165	42.13	ng	#	78
37) 2-Methylnaphthalene	8.36	142	342074	37.71	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	135549	33.14	ng		98
40) Hexachlorocyclopentadiene	8.52	237	129748	64.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	88041	31.19	ng		99
43) 2,4,5-Trichlorophenol	8.71	196	95984	33.33	ng	#	94
45) 1,1'-Biphenyl	8.83	154	409098	34.38	ng		95
46) 2-Chloronaphthalene	8.84	162	280636	32.66	ng	#	88
47) 2-Nitroaniline	8.96	65	132871	37.94	ng	#	71
48) Acenaphthylene	9.26	152	509562	33.43	ng		97
49) Dimethylphthalate	9.15	163	363203	36.15	ng	#	97
50) 2,6-Dinitrotoluene	9.20	165	68148	29.88	ng	#	1
51) Acenaphthene	9.43	154	306327	35.32	ng		90
52) 3-Nitroaniline	9.37	138	61864	23.83	ng	#	82
53) 2,4-Dinitrophenol	9.47	184	56504	58.82	ng	#	1
54) Dibenzofuran	9.60	168	448332	35.41	ng	#	89
55) 4-Nitrophenol	9.56	139	109526m	67.15	ng		
56) 2,4-Dinitrotoluene	9.60	165	88192	30.37	ng	#	1
57) Fluorene	9.93	166	309540	32.21	ng		94
58) 2,3,4,6-Tetrachlorophenol	9.72	232	79335	36.08	ng	#	89
59) Diethylphthalate	9.84	149	340489	32.21	ng		94
60) 4-Chlorophenyl-phenylether	9.94	204	163667	36.54	ng		95
61) 4-Nitroaniline	9.98	138	75891	28.93	ng	#	29
62) Azobenzene	10.09	77	405427	34.50	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.01	198	45898	34.42	ng		82
65) n-Nitrosodiphenylamine	10.07	169	288941	33.31	ng		92
66) 4-Bromophenyl-phenylether	10.42	248	90972	37.74	ng		98
67) Hexachlorobenzene	10.48	284	90881	36.06	ng	#	80
68) Atrazine	10.60	200	95597	38.08	ng		83
69) Pentachlorophenol	10.67	266	83904	69.65	ng		100
70) Phenanthrene	10.88	178	434595	32.79	ng		96
71) Anthracene	10.94	178	482416	35.43	ng		99
72) Carbazole	11.10	167	441639	34.56	ng		95
73) Di-n-butylphthalate	11.45	149	557319	36.93	ng	#	98
74) Fluoranthene	12.06	202	474290	33.05	ng		85
76) Benzidine	12.19	184	150825	21.08	ng		98
77) Pyrene	12.27	202	510032	41.30	ng		98
79) Butylbenzylphthalate	12.93	149	214201	39.89	ng	#	84
80) Benzo(a)anthracene	13.45	228	352638	33.22	ng		95
81) 3,3'-Dichlorobenzidine	13.43	252	74715	20.86	ng		97
82) Chrysene	13.49	228	296148	31.12	ng		95
83) Bis(2-ethylhexyl)phthalate	13.50	149	246232	34.74	ng	#	93
84) Di-n-octyl phthalate	14.10	149	349847	29.98	ng		96
85) Indeno(1,2,3-cd)pyrene	15.84	276	262137	37.54	ng	#	89
87) Benzo(b)fluoranthene	14.45	252	307819m	37.73	ng		
88) Benzo(k)fluoranthene	14.47	252	219473m	32.42	ng		
89) Benzo(a)pyrene	14.72	252	245165	35.46	ng	#	88
90) Dibenzo(a,h)anthracene	15.85	278	219386	41.06	ng	#	85
91) Benzo(g,h,i)perylene	16.16	276	226285	44.38	ng	#	77

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

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