Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081853.D
Acq On : 28 Sep 2015 20:14
Operator : UM/IZ
Sample : PB85767BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85767BS

Manual Integrations APPROVED
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9/29/2015 12:10:54 PM

Quant Time: Sep 29 03:40:25 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	6.94	152	118594	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	468190	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	225609	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	421469	20.00	ng		0.00
75) Chrysene-d12	14.12	240	370658	20.00	ng		0.00
86) Perylene-d12	15.58	264	320467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	476176	72.89	ng		0.01
7) Phenol-d6	6.56	99	602644	73.31	ng		0.00
23) Nitrobenzene-d5	7.50	82	501505	71.40	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	169129	74.02	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1059658	77.21	ng		0.00
78) Terphenyl-d14	13.05	244	911592	77.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	85583	30.12	ng		91
3) Pyridine	3.37	79	221592	29.96	ng		84
4) n-Nitrosodimethylamine	3.33	42	109390	32.56	ng		96
6) Aniline	6.59	93	240737	21.80	ng	#	83
8) 2-Chlorophenol	6.71	128	265379	36.79	ng		83
9) Benzaldehyde	6.48	77	80639	14.98	ng	#	84
10) Phenol	6.57	94	342137	37.10	ng		73
11) bis(2-Chloroethyl)ether	6.66	93	258586	36.16	ng		97
12) 1,3-Dichlorobenzene	6.87	146	304252	35.70	ng	#	94
13) 1,4-Dichlorobenzene	6.95	146	316697	35.59	ng	#	94
14) 1,2-Dichlorobenzene	7.10	146	283745m	35.79	ng		
15) Benzyl Alcohol	7.07	79	220028	37.08	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.21	45	386023	38.18	ng		79
17) 2-Methylphenol	7.19	107	218662	37.38	ng	#	87
18) Hexachloroethane	7.44	117	99692	35.79	ng	#	86
19) n-Nitroso-di-n-propylamine	7.35	70	179758	35.98	ng	#	77
20) 3+4-Methylphenols	7.34	107	275435	37.28	ng	#	59
22) Acetophenone	7.35	105	358726	37.47	ng	#	83
24) Nitrobenzene	7.52	77	283844	37.22	ng	#	74
25) Isophorone	7.75	82	494810	35.54	ng	#	86
26) 2-Nitrophenol	7.84	139	141399	38.62	ng	#	81
27) 2,4-Dimethylphenol	7.87	122	245454	38.11	ng	#	85
28) bis(2-Chloroethoxy)methane	7.97	93	299099	36.18	ng	#	92
29) 2,4-Dichlorophenol	8.08	162	239951	38.42	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	256331	36.77	ng		99
31) Naphthalene	8.24	128	740443m	35.69	ng		
32) Benzoic acid	7.99	122	117190	33.11	ng	#	68
33) 4-Chloroaniline	8.30	127	127324	14.19	ng	#	93
34) Hexachlorobutadiene	8.35	225	149070	36.15	ng		99
35) Caprolactam	8.66	113	68759	39.77	ng		97
36) 4-Chloro-3-methylphenol	8.78	107	246647	40.39	ng		87
37) 2-Methylnaphthalene	8.94	142	536233	37.87	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	251353	36.29	ng		99
40) Hexachlorocyclopentadiene	9.09	237	311930	87.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	170529	35.91	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	188136	38.53	ng		96
45) 1,1'-Biphenyl	9.41	154	625396	35.93	ng		95
46) 2-Chloronaphthalene	9.43	162	512145	37.47	ng		98
47) 2-Nitroaniline	9.52	65	145717	36.32	ng	#	65
48) Acenaphthylene	9.84	152	785567	35.91	ng		96
49) Dimethylphthalate	9.70	163	611465	39.26	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	127341	37.66	ng	#	52
51) Acenaphthene	10.01	154	522751	40.24	ng		89
52) 3-Nitroaniline	9.94	138	83479	21.34	ng	#	93
53) 2,4-Dinitrophenol	10.05	184	104740	69.80	ng	#	78
54) Dibenzofuran	10.18	168	690336	37.61	ng	#	88
55) 4-Nitrophenol	10.09	139	210689	74.55	ng	#	43
56) 2,4-Dinitrotoluene	10.17	165	182064	42.24	ng	#	94
57) Fluorene	10.53	166	515892	39.01	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	153325	39.58	ng		95
59) Diethylphthalate	10.40	149	556128	38.23	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	251611	37.44	ng		92
61) 4-Nitroaniline	10.55	138	134184	34.21	ng	#	44
62) Azobenzene	10.67	77	537202	37.84	ng		87
64) 4,6-Dinitro-2-methylphenol	10.57	198	76600	41.42	ng		95
65) n-Nitrosodiphenylamine	10.64	169	479275	37.58	ng		92
66) 4-Bromophenyl-phenylether	11.02	248	164028	38.60	ng	#	82
67) Hexachlorobenzene	11.07	284	187448	39.08	ng	#	80
68) Atrazine	11.17	200	154167	38.96	ng		84
69) Pentachlorophenol	11.27	266	212562	77.79	ng		100
70) Phenanthrene	11.50	178	841213	41.34	ng		96
71) Anthracene	11.54	178	817362	38.16	ng		97
72) Carbazole	11.70	167	777044	40.08	ng		96
73) Di-n-butylphthalate	12.02	149	806376	40.71	ng	#	98
74) Fluoranthene	12.68	202	835148	36.99	ng		94
76) Benzidine	12.81	184	256397	22.96	ng		98
77) Pyrene	12.92	202	906146	40.92	ng		96
79) Butylbenzylphthalate	13.53	149	336565	40.39	ng	#	93
80) Benzo(a)anthracene	14.10	228	762149	38.18	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	141728	21.02	ng	#	90
82) Chrysene	14.14	228	721251m	38.64	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	424967	40.66	ng	#	89
84) Di-n-octyl phthalate	14.70	149	670280	39.41	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.04	276	604622	38.72	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	730162	39.91	ng	#	85
88) Benzo(k)fluoranthene	15.18	252	593077m	35.37	ng		
89) Benzo(a)pyrene	15.52	252	632761	39.87	ng	#	84
90) Dibenzo(a,h)anthracene	17.06	278	487438	36.61	ng	#	80
91) Benzo(g,h,i)perylene	17.49	276	504127	36.94	ng	#	77

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

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