Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081882.D
Acq On : 29 Sep 2015 16:26
Operator : UM/IZ
Sample : PB85676BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85676BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:19 AM

Quant Time: Sep 30 01:55:42 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	82860	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	321930	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	175234	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	361992	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	359916	20.00	ng		-0.01
86) Perylene-d12	15.57	264	309695	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	517863	113.45	ng		0.00
7) Phenol-d6	6.55	99	700536	121.97	ng		-0.01
23) Nitrobenzene-d5	7.49	82	447450	92.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	250782	141.31	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	930447	89.84	ng		-0.01
78) Terphenyl-d14	13.04	244	1036046	96.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	56563	28.49	ng		89
3) Pyridine	3.37	79	147546	28.55	ng		90
4) n-Nitrosodimethylamine	3.33	42	67194	28.63	ng		95
6) Aniline	6.58	93	202048	26.18	ng	#	80
8) 2-Chlorophenol	6.71	128	195728	38.83	ng		99
9) Benzaldehyde	6.47	77	66199	17.60	ng	#	81
10) Phenol	6.56	94	242427	37.63	ng	#	53
11) bis(2-Chloroethyl)ether	6.66	93	222233	44.48	ng		91
12) 1,3-Dichlorobenzene	6.86	146	237572	39.90	ng	#	92
13) 1,4-Dichlorobenzene	6.94	146	256788m	41.30	ng		
14) 1,2-Dichlorobenzene	7.10	146	235445	42.50	ng		99
15) Benzyl Alcohol	7.07	79	175314	42.28	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.20	45	310972	44.02	ng		78
17) 2-Methylphenol	7.18	107	179817	44.00	ng	#	84
18) Hexachloroethane	7.43	117	80160	41.19	ng		88
19) n-Nitroso-di-n-propylamine	7.34	70	144418	41.37	ng	#	77
20) 3+4-Methylphenols	7.33	107	202782	39.29	ng	#	64
22) Acetophenone	7.34	105	293778	44.63	ng	#	81
24) Nitrobenzene	7.51	77	230677	43.99	ng	#	70
25) Isophorone	7.75	82	412713	43.12	ng	#	93
26) 2-Nitrophenol	7.83	139	107278	42.62	ng	#	74
27) 2,4-Dimethylphenol	7.86	122	201363	45.47	ng	#	79
28) bis(2-Chloroethoxy)methane	7.95	93	245417	43.17	ng	#	91
29) 2,4-Dichlorophenol	8.07	162	185191	43.13	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	201284	41.99	ng		97
31) Naphthalene	8.23	128	622104	43.61	ng		97
32) Benzoic acid	7.99	122	96658	38.25	ng	#	75
33) 4-Chloroaniline	8.29	127	130606	21.17	ng	#	90
34) Hexachlorobutadiene	8.34	225	125385	44.23	ng		98
35) Caprolactam	8.65	113	52429	44.11	ng	#	74
36) 4-Chloro-3-methylphenol	8.77	107	186440	44.40	ng		84
37) 2-Methylnaphthalene	8.93	142	444348	45.63	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	214182	39.81	ng		99
40) Hexachlorocyclopentadiene	9.07	237	257552	92.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	146898	39.83	ng		100
43) 2,4,5-Trichlorophenol	9.25	196	172323	45.44	ng		96
45) 1,1'-Biphenyl	9.39	154	542428	40.12	ng		94
46) 2-Chloronaphthalene	9.42	162	456671	43.02	ng		97
47) 2-Nitroaniline	9.52	65	132676	42.58	ng		91
48) Acenaphthylene	9.83	152	702264	41.33	ng		97
49) Dimethylphthalate	9.69	163	540157	44.66	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	121256	46.17	ng		94
51) Acenaphthene	10.00	154	485884	48.16	ng		90
52) 3-Nitroaniline	9.93	138	79367	26.12	ng	#	77
53) 2,4-Dinitrophenol	10.03	184	115124	85.70	ng	#	77
54) Dibenzofuran	10.17	168	600749	42.13	ng	#	84
55) 4-Nitrophenol	10.09	139	196774	89.64	ng	#	55
56) 2,4-Dinitrotoluene	10.16	165	164774	49.22	ng	#	87
57) Fluorene	10.51	166	469044	46.05	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.29	232	135559m	45.06	ng		
59) Diethylphthalate	10.39	149	513759	45.47	ng		97
60) 4-Chlorophenyl-phenylether	10.51	204	232391	44.52	ng		98
61) 4-Nitroaniline	10.55	138	123310	40.48	ng	#	46
62) Azobenzene	10.67	77	530754	48.13	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	73290	45.24	ng		75
65) n-Nitrosodiphenylamine	10.63	169	437264	39.92	ng		92
66) 4-Bromophenyl-phenylether	11.01	248	154949	42.45	ng	#	89
67) Hexachlorobenzene	11.06	284	181420	44.04	ng	#	83
68) Atrazine	11.15	200	145571	42.84	ng		82
69) Pentachlorophenol	11.26	266	208851	88.98	ng		99
70) Phenanthrene	11.49	178	793356	45.56	ng		96
71) Anthracene	11.53	178	797982	43.37	ng		97
72) Carbazole	11.69	167	736725	44.24	ng		94
73) Di-n-butylphthalate	12.01	149	841717	49.77	ng	#	98
74) Fluoranthene	12.68	202	839815	43.31	ng		86
76) Benzidine	12.80	184	299368	27.61	ng	#	98
77) Pyrene	12.90	202	885345	41.18	ng		96
79) Butylbenzylphthalate	13.52	149	409947	50.67	ng		99
80) Benzo(a)anthracene	14.09	228	867710	44.77	ng		95
81) 3,3'-Dichlorobenzidine	14.06	252	194649	29.74	ng	#	93
82) Chrysene	14.13	228	651437	34.46	ng		94
83) Bis(2-ethylhexyl)phthalate	14.07	149	563340	55.51	ng	#	89
84) Di-n-octyl phthalate	14.69	149	938173	56.80	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.03	276	715558	47.20	ng	#	84
87) Benzo(b)fluoranthene	15.14	252	805657	45.56	ng	#	85
88) Benzo(k)fluoranthene	15.17	252	720609m	44.47	ng		
89) Benzo(a)pyrene	15.51	252	695386	45.34	ng	#	85
90) Dibenzo(a,h)anthracene	17.05	278	596320	46.34	ng	#	79
91) Benzo(g,h,i)perylene	17.48	276	588595	44.63	ng	#	73

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

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