Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081885.D
Acq On : 29 Sep 2015 17:59
Operator : UM/IZ
Sample : PB85832BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85832BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:31 AM

Quant Time: Sep 30 02:06:19 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	80524	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	336346	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	171848	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	358621	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	332748	20.00	ng		-0.01
86) Perylene-d12	15.57	264	312625	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	478045	107.77	ng		0.00
7) Phenol-d6	6.55	99	630893	113.03	ng		-0.01
23) Nitrobenzene-d5	7.49	82	412635	81.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	238161	136.84	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	922139	91.05	ng		-0.01
78) Terphenyl-d14	13.04	244	1003486	103.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	46193	23.95	ng		91
3) Pyridine	3.35	79	131253	26.13	ng		89
4) n-Nitrosodimethylamine	3.30	42	65755	28.83	ng		89
6) Aniline	6.58	93	206850	27.58	ng	#	80
8) 2-Chlorophenol	6.71	128	208303	42.52	ng		99
9) Benzaldehyde	6.47	77	50417	13.79	ng	#	78
10) Phenol	6.56	94	224686	35.89	ng	#	53
11) bis(2-Chloroethyl)ether	6.66	93	211934	43.65	ng		91
12) 1,3-Dichlorobenzene	6.86	146	227702m	39.35	ng		
13) 1,4-Dichlorobenzene	6.94	146	238385m	39.46	ng		
14) 1,2-Dichlorobenzene	7.10	146	207439	38.53	ng		99
15) Benzyl Alcohol	7.07	79	156474	38.84	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.20	45	278428	40.56	ng		77
17) 2-Methylphenol	7.18	107	158598	39.93	ng	#	85
18) Hexachloroethane	7.43	117	76738	40.57	ng		90
19) n-Nitroso-di-n-propylamine	7.34	70	140958	41.55	ng	#	78
20) 3+4-Methylphenols	7.33	107	201250	40.12	ng	#	68
22) Acetophenone	7.34	105	276550	40.21	ng	#	81
24) Nitrobenzene	7.51	77	206677	37.72	ng	#	69
25) Isophorone	7.75	82	388097	38.81	ng	#	92
26) 2-Nitrophenol	7.83	139	109950	41.81	ng	#	72
27) 2,4-Dimethylphenol	7.86	122	187456	40.52	ng	#	81
28) bis(2-Chloroethoxy)methane	7.97	93	235637	39.68	ng	#	95
29) 2,4-Dichlorophenol	8.07	162	185387	41.32	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	189025	37.74	ng		99
31) Naphthalene	8.23	128	588911	39.51	ng		97
32) Benzoic acid	7.98	122	92897	35.77	ng	#	67
33) 4-Chloroaniline	8.29	127	146740	22.77	ng	#	92
34) Hexachlorobutadiene	8.34	225	114683	38.72	ng		99
35) Caprolactam	8.65	113	52264	42.08	ng	#	78
36) 4-Chloro-3-methylphenol	8.77	107	197481	45.02	ng		87
37) 2-Methylnaphthalene	8.93	142	432433	42.51	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	200014	37.91	ng		99
40) Hexachlorocyclopentadiene	9.07	237	259738	95.60	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	122034	33.74	ng		100
43) 2,4,5-Trichlorophenol	9.25	196	161591	43.45	ng		97
45) 1,1'-Biphenyl	9.39	154	507069	38.25	ng		93
46) 2-Chloronaphthalene	9.42	162	427777	41.09	ng		96
47) 2-Nitroaniline	9.52	65	125493	41.06	ng		92
48) Acenaphthylene	9.83	152	641361	38.49	ng		97
49) Dimethylphthalate	9.69	163	477850	40.28	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	112109	43.53	ng		95
51) Acenaphthene	10.00	154	440044	44.48	ng		88
52) 3-Nitroaniline	9.93	138	78997	26.51	ng	#	80
53) 2,4-Dinitrophenol	10.03	184	105853	82.53	ng	#	72
54) Dibenzofuran	10.17	168	593250	42.43	ng	#	84
55) 4-Nitrophenol	10.09	139	181726	84.41	ng	#	60
56) 2,4-Dinitrotoluene	10.16	165	160552	48.90	ng	#	89
57) Fluorene	10.51	166	437769	43.71	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.29	232	134745	45.67	ng		96
59) Diethylphthalate	10.39	149	479568	43.28	ng		98
60) 4-Chlorophenyl-phenylether	10.51	204	211781	41.37	ng		96
61) 4-Nitroaniline	10.55	138	116265	38.92	ng	#	49
62) Azobenzene	10.67	77	489004	45.22	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	69258	43.53	ng		86
65) n-Nitrosodiphenylamine	10.63	169	399167	36.79	ng		91
66) 4-Bromophenyl-phenylether	11.01	248	136416	37.73	ng	#	89
67) Hexachlorobenzene	11.06	284	164650	40.35	ng	#	81
68) Atrazine	11.15	200	133127	39.54	ng		83
69) Pentachlorophenol	11.26	266	193950	83.41	ng		98
70) Phenanthrene	11.49	178	740101	42.80	ng		97
71) Anthracene	11.53	178	773495	42.44	ng		97
72) Carbazole	11.69	167	708336	42.94	ng		96
73) Di-n-butylphthalate	12.01	149	730445	43.43	ng	#	98
74) Fluoranthene	12.68	202	793382	41.30	ng		87
76) Benzidine	12.80	184	309873	30.91	ng	#	97
77) Pyrene	12.90	202	865834	43.56	ng		97
79) Butylbenzylphthalate	13.52	149	378492	50.60	ng		96
80) Benzo(a)anthracene	14.09	228	726577	40.55	ng		96
81) 3,3'-Dichlorobenzidine	14.06	252	171228	28.29	ng	#	93
82) Chrysene	14.13	228	617750	35.83	ng		93
83) Bis(2-ethylhexyl)phthalate	14.08	149	478317	50.98	ng		96
84) Di-n-octyl phthalate	14.69	149	837282	54.83	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.03	276	657823	46.93	ng	#	85
87) Benzo(b)fluoranthene	15.14	252	706868	39.60	ng	#	85
88) Benzo(k)fluoranthene	15.17	252	676656m	41.36	ng		
89) Benzo(a)pyrene	15.51	252	593894	38.36	ng	#	85
90) Dibenzo(a,h)anthracene	17.05	278	554697	42.70	ng	#	78
91) Benzo(g,h,i)perylene	17.48	276	531754	39.95	ng	#	73

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

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