Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081935.D
Acq On : 1 Oct 2015 13:07
Operator : UM/IZ
Sample : PB85866BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85866BS

Manual Integrations APPROVED
apatel
10/2/2015 9:01:15 AM

Quant Time: Oct 02 02:09:53 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	6.90	152	109783	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	439401	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	210612	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	412343	20.00	ng		-0.03
75) Chrysene-d12	14.07	240	370904	20.00	ng		-0.05
86) Perylene-d12	15.51	264	314748	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	675438	111.69	ng		-0.02
7) Phenol-d6	6.53	99	847260	111.34	ng		-0.03
23) Nitrobenzene-d5	7.46	82	530798	80.53	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	276558	129.66	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1026828	80.80	ng		-0.05
78) Terphenyl-d14	13.01	244	1124932	104.45	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	95831	36.44	ng		84
3) Pyridine	3.34	79	242175	35.37	ng	#	82
4) n-Nitrosodimethylamine	3.29	42	105656	33.97	ng		92
6) Aniline	6.56	93	277044m	27.10	ng		
8) 2-Chlorophenol	6.69	128	276436	41.39	ng		96
9) Benzaldehyde	6.45	77	59951	12.03	ng	#	85
10) Phenol	6.54	94	299007	35.03	ng	#	61
11) bis(2-Chloroethyl)ether	6.64	93	285683m	43.15	ng		
12) 1,3-Dichlorobenzene	6.83	146	308217	39.07	ng	#	94
13) 1,4-Dichlorobenzene	6.91	146	324889	39.44	ng	#	94
14) 1,2-Dichlorobenzene	7.06	146	292335m	39.83	ng		
15) Benzyl Alcohol	7.04	79	202999	36.95	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.18	45	374096	39.97	ng		80
17) 2-Methylphenol	7.15	107	227771	42.07	ng	#	88
18) Hexachloroethane	7.41	117	105360	40.86	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	187986	40.64	ng	#	76
20) 3+4-Methylphenols	7.30	107	257455	37.65	ng	#	68
22) Acetophenone	7.31	105	369721	41.15	ng	#	84
24) Nitrobenzene	7.49	77	288216	40.27	ng	#	73
25) Isophorone	7.73	82	520968	39.88	ng	#	94
26) 2-Nitrophenol	7.81	139	148049	43.09	ng	#	88
27) 2,4-Dimethylphenol	7.84	122	259804	42.98	ng	#	85
28) bis(2-Chloroethoxy)methane	7.93	93	302491	38.99	ng	#	93
29) 2,4-Dichlorophenol	8.05	162	248794	42.45	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	270539	41.35	ng		99
31) Naphthalene	8.21	128	815586	41.89	ng		97
32) Benzoic acid	7.95	122	130036	37.81	ng	#	70
33) 4-Chloroaniline	8.26	127	160530	19.07	ng	#	97
34) Hexachlorobutadiene	8.32	225	165766	42.84	ng		99
35) Caprolactam	8.63	113	74490m	45.91	ng		
36) 4-Chloro-3-methylphenol	8.73	107	244038	42.58	ng	#	78
37) 2-Methylnaphthalene	8.89	142	524254	39.45	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	275689	42.64	ng		99
40) Hexachlorocyclopentadiene	9.05	237	313982	94.30	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	178696	40.31	ng		97
43) 2,4,5-Trichlorophenol	9.21	196	209937m	46.05	ng		
45) 1,1'-Biphenyl	9.36	154	678075	41.73	ng		95
46) 2-Chloronaphthalene	9.38	162	512816	40.20	ng		93
47) 2-Nitroaniline	9.49	65	164220	43.85	ng	#	84
48) Acenaphthylene	9.81	152	864777	42.35	ng		97
49) Dimethylphthalate	9.66	163	617858	42.50	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	143455	45.45	ng	#	75
51) Acenaphthene	9.98	154	573417	47.29	ng		90
52) 3-Nitroaniline	9.90	138	96543	26.44	ng	#	78
53) 2,4-Dinitrophenol	10.00	184	133698	84.00	ng	#	59
54) Dibenzofuran	10.15	168	762632	44.50	ng		96
55) 4-Nitrophenol	10.06	139	219897	83.34	ng	#	57
56) 2,4-Dinitrotoluene	10.13	165	181188	45.03	ng	#	76
57) Fluorene	10.49	166	582399	47.64	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	180938	50.04	ng		89
59) Diethylphthalate	10.37	149	631263	46.49	ng		95
60) 4-Chlorophenyl-phenylether	10.48	204	290831	46.36	ng		96
61) 4-Nitroaniline	10.51	138	150190	41.02	ng	#	54
62) Azobenzene	10.64	77	624689	47.14	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	98239	51.59	ng	#	64
65) n-Nitrosodiphenylamine	10.59	169	510408	40.91	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	194991	46.90	ng	#	91
67) Hexachlorobenzene	11.03	284	189447	40.38	ng	#	90
68) Atrazine	11.12	200	174371	45.05	ng		83
69) Pentachlorophenol	11.22	266	212468	79.47	ng		98
70) Phenanthrene	11.45	178	912983	46.05	ng		96
71) Anthracene	11.50	178	915343	43.67	ng		96
72) Carbazole	11.66	167	870156	45.87	ng		96
73) Di-n-butylphthalate	11.98	149	964887	50.10	ng	#	98
74) Fluoranthene	12.63	202	959601	43.44	ng		94
76) Benzidine	12.77	184	407393	36.45	ng		98
77) Pyrene	12.87	202	989628	44.66	ng		96
79) Butylbenzylphthalate	13.49	149	430193	51.60	ng	#	88
80) Benzo(a)anthracene	14.05	228	843226	42.22	ng		95
81) 3,3'-Dichlorobenzidine	14.02	252	197141	29.23	ng	#	92
82) Chrysene	14.09	228	906785	Below Cal			94
83) Bis(2-ethylhexyl)phthalate	14.04	149	552981	52.87	ng	#	91
84) Di-n-octyl phthalate	14.65	149	947118	55.64	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	650555	41.64	ng	#	88
87) Benzo(b)fluoranthene	15.09	252	909784m	50.63	ng		
88) Benzo(k)fluoranthene	15.12	252	635887m	38.61	ng		
89) Benzo(a)pyrene	15.45	252	719770	46.18	ng	#	85
90) Dibenzo(a,h)anthracene	16.96	278	539165	41.23	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	520721	38.85	ng	#	76

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

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