Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081698.D
Acq On : 18 Sep 2015 15:34
Operator : UM/IZ
Sample : PB85485BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85485BS

Manual Integrations APPROVED
MMDadoda
9/21/2015 2:22:00 PM

Quant Time: Sep 19 00:38:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42356	20.00	ng		-0.06
21) Naphthalene-d8	11.06	136	170157	20.00	ng		-0.06
38) Acenaphthene-d10	15.20	164	81765	20.00	ng		-0.06
63) Phenanthrene-d10	18.70	188	172281	20.00	ng		-0.06
75) Chrysene-d12	23.35	240	145811	20.00	ng		-0.03
86) Perylene-d12	24.79	264	98036	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	321999	117.95	ng		-0.01
7) Phenol-d6	7.60	99	448388	124.08	ng		-0.04
23) Nitrobenzene-d5	9.48	82	293053	83.09	ng		-0.06
41) 2,4,6-Tribromophenol	17.11	330	96295	132.27	ng		-0.06
44) 2-Fluorobiphenyl	13.72	172	527268	82.64	ng		-0.06
78) Terphenyl-d14	22.07	244	531749	84.89	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	32536m	26.54	ng		
3) Pyridine	2.12	79	116673	34.51	ng	#	77
4) n-Nitrosodimethylamine	2.09	42	87559	46.62	ng	#	59
6) Aniline	7.48	93	136200	26.69	ng	#	83
8) 2-Chlorophenol	7.73	128	125776	41.81	ng		84
9) Benzaldehyde	7.19	77	46659	20.61	ng	#	72
10) Phenol	7.62	94	165272	39.44	ng	#	52
11) bis(2-Chloroethyl)ether	7.70	93	127793	42.27	ng	#	75
12) 1,3-Dichlorobenzene	8.02	146	127264	39.59	ng	#	89
13) 1,4-Dichlorobenzene	8.21	146	128399	39.23	ng	#	90
14) 1,2-Dichlorobenzene	8.53	146	125503	42.59	ng	#	91
15) Benzyl Alcohol	8.62	79	126592	42.70	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	8.93	45	271298	46.81	ng		95
17) 2-Methylphenol	8.96	107	100867	42.02	ng	#	80
18) Hexachloroethane	9.26	117	53761	42.22	ng		88
19) n-Nitroso-di-n-propylamine	9.24	70	106995	43.50	ng	#	90
20) 3+4-Methylphenols	9.34	107	133531	41.26	ng		85
22) Acetophenone	9.16	105	192628	41.45	ng	#	73
24) Nitrobenzene	9.51	77	154920	42.30	ng	#	61
25) Isophorone	10.10	82	271225	41.35	ng	#	83
26) 2-Nitrophenol	10.24	139	63701	39.91	ng	#	21
27) 2,4-Dimethylphenol	10.52	122	113989	41.34	ng	#	73
28) bis(2-Chloroethoxy)methane	10.71	93	160843	42.45	ng	#	91
29) 2,4-Dichlorophenol	10.86	162	101788	42.57	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	106652	41.06	ng		95
31) Naphthalene	11.12	128	369748	40.74	ng		99
32) Benzoic acid	11.03	122	55065	29.03	ng	#	48
33) 4-Chloroaniline	11.36	127	86573	23.39	ng	#	83
34) Hexachlorobutadiene	11.48	225	70716	44.74	ng		100
35) Caprolactam	12.29	113	30981m	42.25	ng		
36) 4-Chloro-3-methylphenol	12.68	107	126518	47.28	ng	#	73
37) 2-Methylnaphthalene	12.77	142	253298	42.89	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	110329	42.67	ng		97
40) Hexachlorocyclopentadiene	13.16	237	108503	85.50	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	72279	40.50	ng		97
43) 2,4,5-Trichlorophenol	13.64	196	76969	42.28	ng	#	88
45) 1,1'-Biphenyl	13.91	154	309241	41.11	ng		96
46) 2-Chloronaphthalene	13.90	162	230227	42.38	ng	#	86
47) 2-Nitroaniline	14.25	65	96896	43.76	ng	#	61
48) Acenaphthylene	14.86	152	396191	41.11	ng		97
49) Dimethylphthalate	14.80	163	282310	44.44	ng	#	96
50) 2,6-Dinitrotoluene	14.89	165	57390	39.80	ng	#	31
51) Acenaphthene	15.28	154	225635	41.15	ng		87
52) 3-Nitroaniline	15.25	138	42994	26.19	ng	#	41
53) 2,4-Dinitrophenol	15.55	184	55904	76.29	ng	#	17
54) Dibenzofuran	15.71	168	351164	43.87	ng	#	85
55) 4-Nitrophenol	15.88	139	77689	75.34	ng	#	4
56) 2,4-Dinitrotoluene	15.84	165	81989	44.66	ng	#	47
57) Fluorene	16.52	166	283087	46.60	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.07	232	66014	47.49	ng		93
59) Diethylphthalate	16.49	149	318439	47.65	ng		95
60) 4-Chlorophenyl-phenylether	16.61	204	135567	47.88	ng	#	86
61) 4-Nitroaniline	16.72	138	60694	36.60	ng	#	19
62) Azobenzene	16.97	77	356657	48.01	ng		81
64) 4,6-Dinitro-2-methylphenol	16.81	198	39579	41.07	ng		81
65) n-Nitrosodiphenylamine	16.93	169	245155	39.11	ng		94
66) 4-Bromophenyl-phenylether	17.75	248	77443	44.46	ng		94
67) Hexachlorobenzene	17.80	284	76996	42.27	ng	#	80
68) Atrazine	18.35	200	89660	49.42	ng		78
69) Pentachlorophenol	18.35	266	62115	71.14	ng		99
70) Phenanthrene	18.76	178	405234	42.31	ng		98
71) Anthracene	18.88	178	413714	42.04	ng		98
72) Carbazole	19.36	167	380647	41.22	ng		96
73) Di-n-butylphthalate	20.41	149	519933	47.68	ng	#	97
74) Fluoranthene	21.39	202	448597	43.27	ng		90
76) Benzidine	21.71	184	189394	30.26	ng		97
77) Pyrene	21.74	202	460653	42.65	ng		98
79) Butylbenzylphthalate	22.77	149	209726	44.65	ng	#	77
80) Benzo(a)anthracene	23.34	228	371683	40.03	ng		96
81) 3,3'-Dichlorobenzidine	23.35	252	86296	27.55	ng	#	93
82) Chrysene	23.39	228	359382	43.17	ng		95
83) Bis(2-ethylhexyl)phthalate	23.47	149	299959	48.39	ng	#	91
84) Di-n-octyl phthalate	24.12	149	446374	43.73	ng		95
85) Indeno(1,2,3-cd)pyrene	25.82	276	228919	37.48	ng	#	83
87) Benzo(b)fluoranthene	24.45	252	291689m	41.67	ng		
88) Benzo(k)fluoranthene	24.47	252	251787m	43.36	ng		
89) Benzo(a)pyrene	24.75	252	255295	43.04	ng	#	81
90) Dibenzo(a,h)anthracene	25.83	278	193683	42.26	ng	#	80
91) Benzo(g,h,i)perylene	26.13	276	182143	41.64	ng	#	68

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

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