Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081310.D
Acq On : 1 Sep 2015 18:30
Operator : UM/IZ
Sample : PB85281BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85281BS

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:10:44 PM

Quant Time: Sep 02 01:08:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	59460	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	229638	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	102167	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	208435	20.00	ng		0.00
75) Chrysene-d12	13.50	240	188156	20.00	ng		0.00
86) Perylene-d12	14.80	264	123318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	316554	82.60	ng		0.02
7) Phenol-d6	6.06	99	410683	80.96	ng		0.00
23) Nitrobenzene-d5	6.97	82	393842	82.75	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	77465	85.15	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	663332	83.20	ng		0.00
78) Terphenyl-d14	12.47	244	551140	68.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	53188	30.90	ng	#	91
3) Pyridine	2.36	79	179598	37.84	ng	#	86
4) n-Nitrosodimethylamine	2.34	42	103231	39.15	ng		80
6) Aniline	6.04	93	173023	24.15	ng	#	72
8) 2-Chlorophenol	6.17	128	166967	39.54	ng	#	81
9) Benzaldehyde	5.92	77	34368	10.81	ng	#	67
10) Phenol	6.07	94	244456	41.55	ng	#	55
11) bis(2-Chloroethyl)ether	6.14	93	166200	39.16	ng		85
12) 1,3-Dichlorobenzene	6.32	146	161122	35.71	ng	#	84
13) 1,4-Dichlorobenzene	6.41	146	172917	37.64	ng	#	92
14) 1,2-Dichlorobenzene	6.56	146	163624m	39.56	ng		
15) Benzyl Alcohol	6.56	79	175337	42.13	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	6.70	45	309234	38.01	ng		86
17) 2-Methylphenol	6.68	107	134118	39.80	ng	#	77
18) Hexachloroethane	6.90	117	68079	38.09	ng	#	85
19) n-Nitroso-di-n-propylamine	6.83	70	130901	37.91	ng	#	83
20) 3+4-Methylphenols	6.84	107	180492	39.73	ng		88
22) Acetophenone	6.82	105	254568	40.59	ng	#	80
24) Nitrobenzene	6.98	77	181977	36.82	ng	#	60
25) Isophorone	7.23	82	334410	37.77	ng	#	83
26) 2-Nitrophenol	7.30	139	76825	35.66	ng	#	25
27) 2,4-Dimethylphenol	7.37	122	160093	43.03	ng	#	78
28) bis(2-Chloroethoxy)methane	7.46	93	217786	42.59	ng	#	92
29) 2,4-Dichlorophenol	7.55	162	133346	41.33	ng		92
30) 1,2,4-Trichlorobenzene	7.63	180	136504	38.94	ng		99
31) Naphthalene	7.70	128	486773	39.75	ng		98
32) Benzoic acid	7.52	122	100216	38.27	ng	#	51
33) 4-Chloroaniline	7.77	127	83515	16.72	ng	#	93
34) Hexachlorobutadiene	7.83	225	84381	39.56	ng		96
35) Caprolactam	8.15	113	49744m	50.27	ng		
36) 4-Chloro-3-methylphenol	8.27	107	168463	46.64	ng	#	79
37) 2-Methylnaphthalene	8.39	142	296154	37.16	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	128665	39.82	ng	#	97
40) Hexachlorocyclopentadiene	8.55	237	147169	92.81	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	90913	40.77	ng		98
43) 2,4,5-Trichlorophenol	8.73	196	97956	43.06	ng	#	95
45) 1,1'-Biphenyl	8.86	154	350180	37.26	ng		95
46) 2-Chloronaphthalene	8.88	162	289260	42.61	ng	#	92
47) 2-Nitroaniline	8.98	65	110742	40.03	ng	#	59
48) Acenaphthylene	9.28	152	435340	36.15	ng		97
49) Dimethylphthalate	9.18	163	312148	39.32	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	77933	43.26	ng	#	53
51) Acenaphthene	9.45	154	253895	37.06	ng		91
52) 3-Nitroaniline	9.39	138	55169	26.90	ng	#	52
53) 2,4-Dinitrophenol	9.51	184	90140	118.79	ng	#	52
54) Dibenzofuran	9.62	168	388177	38.81	ng	#	82
55) 4-Nitrophenol	9.59	139	128467	99.70	ng	#	49
56) 2,4-Dinitrotoluene	9.63	165	104429	45.52	ng	#	67
57) Fluorene	9.96	166	336318	44.30	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	73861	42.53	ng		94
59) Diethylphthalate	9.87	149	374642	44.87	ng		97
60) 4-Chlorophenyl-phenylether	9.96	204	141440	39.98	ng	#	77
61) 4-Nitroaniline	10.00	138	82758	39.94	ng	#	20
62) Azobenzene	10.12	77	414364	44.64	ng		85
64) 4,6-Dinitro-2-methylphenol	10.03	198	50820	43.59	ng		88
65) n-Nitrosodiphenylamine	10.09	169	287215	37.87	ng		92
66) 4-Bromophenyl-phenylether	10.44	248	81385	38.62	ng	#	71
67) Hexachlorobenzene	10.50	284	81437	36.96	ng	#	74
68) Atrazine	10.63	200	83168	37.89	ng		82
69) Pentachlorophenol	10.71	266	91316	84.56	ng		99
70) Phenanthrene	10.91	178	503616	43.46	ng		98
71) Anthracene	10.96	178	434603	36.51	ng		97
72) Carbazole	11.12	167	445762	39.90	ng	#	95
73) Di-n-butylphthalate	11.47	149	509969	38.66	ng	#	97
74) Fluoranthene	12.08	202	476158	37.96	ng		91
76) Benzidine	12.22	184	185407	22.95	ng		98
77) Pyrene	12.31	202	564590	40.51	ng		99
79) Butylbenzylphthalate	12.96	149	227705	37.57	ng		97
80) Benzo(a)anthracene	13.49	228	455756	38.04	ng		96
81) 3,3'-Dichlorobenzidine	13.46	252	81800	20.24	ng	#	94
82) Chrysene	13.52	228	342641	31.90	ng		94
83) Bis(2-ethylhexyl)phthalate	13.52	149	287909	35.99	ng	#	89
84) Di-n-octyl phthalate	14.13	149	493813	37.49	ng		100
85) Indeno(1,2,3-cd)pyrene	15.89	276	280201	35.56	ng	#	87
87) Benzo(b)fluoranthene	14.48	252	421027m	47.82	ng		
88) Benzo(k)fluoranthene	14.50	252	290341m	39.74	ng		
89) Benzo(a)pyrene	14.75	252	300425	40.27	ng	#	88
90) Dibenzo(a,h)anthracene	15.91	278	238975	41.45	ng	#	78
91) Benzo(g,h,i)perylene	16.22	276	228501	41.53	ng	#	73

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

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