Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081220.D
Acq On : 26 Aug 2015 19:14
Operator : UM/IZ
Sample : PB85190BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85190BS

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:10 PM

Quant Time: Aug 27 01:10:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 00:52:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	46376	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	189943	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	81702	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	170721	20.00	ng		0.00
75) Chrysene-d12	13.64	240	128101	20.00	ng		0.00
86) Perylene-d12	14.95	264	108732	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	351217	113.91	ng		0.01
7) Phenol-d6	6.17	99	469214	116.63	ng		0.00
23) Nitrobenzene-d5	7.09	82	308051	74.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	79229	111.87	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	484701	77.73	ng		-0.01
78) Terphenyl-d14	12.60	244	422053	70.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	46107	31.73	ng		94
3) Pyridine	2.57	79	139947	34.13	ng	#	81
4) n-Nitrosodimethylamine	2.53	42	80766	35.37	ng	#	78
6) Aniline	6.18	93	143609	24.55	ng	#	1
8) 2-Chlorophenol	6.30	128	128894	38.19	ng		98
9) Benzaldehyde	6.06	77	26788	10.33	ng		87
10) Phenol	6.18	94	154860	32.59	ng		100
11) bis(2-Chloroethyl)ether	6.26	93	128089	35.13	ng		92
12) 1,3-Dichlorobenzene	6.46	146	134312	37.04	ng		96
13) 1,4-Dichlorobenzene	6.54	146	137337	38.25	ng		98
14) 1,2-Dichlorobenzene	6.69	146	128969	38.38	ng		97
15) Benzyl Alcohol	6.67	79	117871	36.21	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	259570	36.23	ng		97
17) 2-Methylphenol	6.80	107	115513	39.89	ng		96
18) Hexachloroethane	7.03	117	53585	36.93	ng		96
19) n-Nitroso-di-n-propylamine	6.95	70	102842	36.90	ng		90
20) 3+4-Methylphenols	6.96	107	146999	39.99	ng	#	43
22) Acetophenone	6.94	105	188928	37.89	ng	#	87
24) Nitrobenzene	7.11	77	164570	37.85	ng		99
25) Isophorone	7.35	82	269285	34.73	ng		98
26) 2-Nitrophenol	7.43	139	72138	39.90	ng	#	67
27) 2,4-Dimethylphenol	7.49	122	122193	38.20	ng		88
28) bis(2-Chloroethoxy)methane	7.58	93	178949	39.06	ng		99
29) 2,4-Dichlorophenol	7.67	162	102148	37.93	ng		89
30) 1,2,4-Trichlorobenzene	7.75	180	107665	35.97	ng		98
31) Naphthalene	7.83	128	390309	36.86	ng		99
32) Benzoic acid	7.61	122	75471	41.95	ng		93
33) 4-Chloroaniline	7.89	127	67930	15.21	ng	#	86
34) Hexachlorobutadiene	7.95	225	61901	36.57	ng		96
35) Caprolactam	8.26	113	40876m	43.43	ng		
36) 4-Chloro-3-methylphenol	8.38	107	122410	38.14	ng		97
37) 2-Methylnaphthalene	8.51	142	245871	36.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	106038	40.23	ng		98
40) Hexachlorocyclopentadiene	8.67	237	107547	78.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	74218	39.85	ng		99
43) 2,4,5-Trichlorophenol	8.85	196	73829	39.67	ng		99
45) 1,1'-Biphenyl	8.98	154	312127	43.37	ng		98
46) 2-Chloronaphthalene	8.99	162	212710	36.79	ng	#	90
47) 2-Nitroaniline	9.10	65	90532	38.26	ng		95
48) Acenaphthylene	9.41	152	340896	32.96	ng		98
49) Dimethylphthalate	9.29	163	239570	35.60	ng		100
50) 2,6-Dinitrotoluene	9.35	165	53855	37.28	ng	#	74
51) Acenaphthene	9.58	154	202652	32.73	ng		98
52) 3-Nitroaniline	9.51	138	38653	21.38	ng		99
53) 2,4-Dinitrophenol	9.62	184	56085	71.35	ng	#	68
54) Dibenzofuran	9.75	168	295460	35.61	ng		92
55) 4-Nitrophenol	9.69	139	83315	65.62	ng		85
56) 2,4-Dinitrotoluene	9.75	165	69409	36.25	ng	#	64
57) Fluorene	10.09	166	248747	38.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	59711m	41.45	ng		
59) Diethylphthalate	9.99	149	274586	38.55	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	111329	41.22	ng		96
61) 4-Nitroaniline	10.13	138	75433	40.82	ng		89
62) Azobenzene	10.25	77	339660	41.39	ng		93
64) 4,6-Dinitro-2-methylphenol	10.15	198	34517	33.86	ng		91
65) n-Nitrosodiphenylamine	10.22	169	226327	37.14	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	58673	34.98	ng	#	66
67) Hexachlorobenzene	10.63	284	62444	36.76	ng	#	77
68) Atrazine	10.74	200	60309	35.52	ng		97
69) Pentachlorophenol	10.84	266	74538	73.14	ng		94
70) Phenanthrene	11.04	178	367129	36.29	ng		99
71) Anthracene	11.09	178	343460	34.89	ng		99
72) Carbazole	11.25	167	343183	36.20	ng		98
73) Di-n-butylphthalate	11.60	149	450496	39.28	ng		99
74) Fluoranthene	12.22	202	426473	39.06	ng		98
76) Benzidine	12.34	184	172315	35.61	ng		99
77) Pyrene	12.44	202	387608	37.22	ng		99
79) Butylbenzylphthalate	13.08	149	178142	39.80	ng	#	66
80) Benzo(a)anthracene	13.62	228	354897	41.31	ng		98
81) 3,3'-Dichlorobenzidine	13.59	252	63857	22.95	ng		100
82) Chrysene	13.66	228	339089	43.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	250784	43.74	ng		100
84) Di-n-octyl phthalate	14.25	149	421376	48.35	ng		97
85) Indeno(1,2,3-cd)pyrene	16.12	276	245362	45.14	ng	#	94
87) Benzo(b)fluoranthene	14.61	252	273784m	35.60	ng		
88) Benzo(k)fluoranthene	14.64	252	287566m	40.13	ng		
89) Benzo(a)pyrene	14.90	252	264200	39.42	ng	#	96
90) Dibenzo(a,h)anthracene	16.13	278	204583	39.18	ng	#	93
91) Benzo(g,h,i)perylene	16.47	276	201365	38.01	ng	#	95

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

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