Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081222.D
Acq On : 26 Aug 2015 20:16
Operator : UM/IZ
Sample : PB85191BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85191BSD

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:20 PM

Quant Time: Aug 27 01:14:31 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	48229	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	192098	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	84027	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	174209	20.00	ng		0.00
75) Chrysene-d12	13.62	240	128659	20.00	ng		-0.01
86) Perylene-d12	14.95	264	116961	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	247284	77.12	ng		0.01
7) Phenol-d6	6.17	99	335103	80.10	ng		0.00
23) Nitrobenzene-d5	7.09	82	288382	68.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	58341	80.10	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	466331	72.72	ng		-0.01
78) Terphenyl-d14	12.60	244	413266	68.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	45404	30.05	ng		95
3) Pyridine	2.57	79	126880	29.75	ng	#	79
4) n-Nitrosodimethylamine	2.53	42	76625	32.27	ng	#	76
6) Aniline	6.17	93	122145	20.08	ng	#	56
8) 2-Chlorophenol	6.30	128	130149	37.08	ng		94
9) Benzaldehyde	6.06	77	26965	10.00	ng		88
10) Phenol	6.18	94	195648	39.60	ng	#	77
11) bis(2-Chloroethyl)ether	6.26	93	143359	37.81	ng		98
12) 1,3-Dichlorobenzene	6.46	146	129896	34.44	ng		97
13) 1,4-Dichlorobenzene	6.54	146	129496	34.68	ng		97
14) 1,2-Dichlorobenzene	6.69	146	128056	36.64	ng		96
15) Benzyl Alcohol	6.67	79	123028	36.35	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.81	45	242810	32.59	ng		98
17) 2-Methylphenol	6.80	107	112505	37.36	ng		94
18) Hexachloroethane	7.03	117	53175	35.24	ng		93
19) n-Nitroso-di-n-propylamine	6.95	70	99180	34.22	ng		91
20) 3+4-Methylphenols	6.95	107	139638	36.53	ng	#	55
22) Acetophenone	6.94	105	187014	37.08	ng	#	86
24) Nitrobenzene	7.11	77	161921	36.83	ng		100
25) Isophorone	7.35	82	257343	32.82	ng		98
26) 2-Nitrophenol	7.43	139	68404	37.41	ng	#	64
27) 2,4-Dimethylphenol	7.47	122	110359	34.12	ng		96
28) bis(2-Chloroethoxy)methane	7.58	93	174113	37.58	ng		98
29) 2,4-Dichlorophenol	7.67	162	101067	37.11	ng		90
30) 1,2,4-Trichlorobenzene	7.75	180	106961	35.34	ng		99
31) Naphthalene	7.83	128	378371	35.34	ng		99
32) Benzoic acid	7.61	122	64227	35.30	ng		95
33) 4-Chloroaniline	7.89	127	60047	13.29	ng	#	84
34) Hexachlorobutadiene	7.95	225	59885	34.99	ng		98
35) Caprolactam	8.25	113	38655m	40.61	ng		
36) 4-Chloro-3-methylphenol	8.38	107	115004	35.43	ng		99
37) 2-Methylnaphthalene	8.51	142	236248	34.93	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	99634	36.75	ng		98
40) Hexachlorocyclopentadiene	8.67	237	106456	75.87	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	70892	37.01	ng		97
43) 2,4,5-Trichlorophenol	8.85	196	73815	38.56	ng		97
45) 1,1'-Biphenyl	8.98	154	307305	41.52	ng		98
46) 2-Chloronaphthalene	8.99	162	208096	35.00	ng	#	90
47) 2-Nitroaniline	9.10	65	84881	34.88	ng		96
48) Acenaphthylene	9.41	152	334804	31.48	ng		99
49) Dimethylphthalate	9.29	163	244040	35.27	ng		100
50) 2,6-Dinitrotoluene	9.35	165	55040	37.05	ng	#	80
51) Acenaphthene	9.58	154	202940	31.87	ng		98
52) 3-Nitroaniline	9.51	138	38691	20.81	ng		98
53) 2,4-Dinitrophenol	9.62	184	56452	70.10	ng	#	66
54) Dibenzofuran	9.75	168	286747	33.60	ng		92
55) 4-Nitrophenol	9.69	139	89540	68.57	ng	#	81
56) 2,4-Dinitrotoluene	9.75	165	73535	37.34	ng	#	73
57) Fluorene	10.09	166	250052	38.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	58528m	39.51	ng		
59) Diethylphthalate	9.99	149	278056	37.96	ng		97
60) 4-Chlorophenyl-phenylether	10.09	204	114561	41.24	ng		92
61) 4-Nitroaniline	10.13	138	71059	37.39	ng		85
62) Azobenzene	10.25	77	333558	39.52	ng		91
64) 4,6-Dinitro-2-methylphenol	10.15	198	33932	32.62	ng		98
65) n-Nitrosodiphenylamine	10.22	169	222121	35.72	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	56705	33.13	ng	#	68
67) Hexachlorobenzene	10.63	284	59831	34.52	ng	#	76
68) Atrazine	10.74	200	60037	34.65	ng		96
69) Pentachlorophenol	10.83	266	69929	67.25	ng		98
70) Phenanthrene	11.04	178	370065	35.84	ng		100
71) Anthracene	11.09	178	344780	34.32	ng		99
72) Carbazole	11.25	167	317857	32.86	ng		99
73) Di-n-butylphthalate	11.60	149	453603	38.75	ng		99
74) Fluoranthene	12.22	202	403738	36.24	ng		97
76) Benzidine	12.34	184	155157	31.92	ng		100
77) Pyrene	12.44	202	366984	35.09	ng		99
79) Butylbenzylphthalate	13.08	149	172444	38.36	ng	#	68
80) Benzo(a)anthracene	13.62	228	335556	38.89	ng		98
81) 3,3'-Dichlorobenzidine	13.59	252	60853	21.77	ng		99
82) Chrysene	13.66	228	331387	42.62	ng		100
83) Bis(2-ethylhexyl)phthalate	13.65	149	241150	41.88	ng		99
84) Di-n-octyl phthalate	14.25	149	401438	45.87	ng		98
85) Indeno(1,2,3-cd)pyrene	16.12	276	243953	44.68	ng	#	94
87) Benzo(b)fluoranthene	14.61	252	265416m	32.08	ng		
88) Benzo(k)fluoranthene	14.64	252	274928m	35.66	ng		
89) Benzo(a)pyrene	14.90	252	258331	35.84	ng	#	96
90) Dibenzo(a,h)anthracene	16.14	278	202162	35.99	ng		99
91) Benzo(g,h,i)perylene	16.47	276	202407	35.52	ng		98

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

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