Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081112.D
Acq On : 20 Aug 2015 7:15
Operator : UM/IZ
Sample : G3318-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-3(0-8FTBGS)MS

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:41:46 PM

Quant Time: Aug 20 08:10:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	64944	20.00	ng		-0.04
21) Naphthalene-d8	7.88	136	266449	20.00	ng		-0.03
38) Acenaphthene-d10	9.62	164	120879	20.00	ng		-0.03
63) Phenanthrene-d10	11.09	188	234392	20.00	ng		-0.04
75) Chrysene-d12	13.71	240	176354	20.00	ng		-0.04
86) Perylene-d12	15.04	264	165649	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	530536	122.87	ng		0.00
7) Phenol-d6	6.24	99	686243	121.81	ng		-0.02
23) Nitrobenzene-d5	7.17	82	542978	93.09	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	159828	152.53	ng		-0.03
44) 2-Fluorobiphenyl	8.96	172	880820	95.48	ng		-0.03
78) Terphenyl-d14	12.68	244	768071	93.37	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	74252	36.49	ng	#	89
3) Pyridine	2.76	79	210549	36.66	ng		87
4) n-Nitrosodimethylamine	2.70	42	127959	40.02	ng	#	78
6) Aniline	6.25	93	171015	20.88	ng	#	1
8) 2-Chlorophenol	6.38	128	209102	44.24	ng		85
9) Benzaldehyde	6.13	77	62275	17.15	ng		97
10) Phenol	6.25	94	226309	34.01	ng		97
11) bis(2-Chloroethyl)ether	6.33	93	228303	44.72	ng		88
12) 1,3-Dichlorobenzene	6.53	146	206367	40.64	ng		94
13) 1,4-Dichlorobenzene	6.61	146	214781	42.71	ng		96
14) 1,2-Dichlorobenzene	6.76	146	176706	37.55	ng		98
15) Benzyl Alcohol	6.74	79	191991	42.12	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	412737	41.14	ng		95
17) 2-Methylphenol	6.87	107	186147	45.90	ng		95
18) Hexachloroethane	7.10	117	80120	39.43	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	186405	47.77	ng		91
20) 3+4-Methylphenols	7.02	107	211184	41.03	ng	#	75
22) Acetophenone	7.01	105	320218	45.78	ng	#	87
24) Nitrobenzene	7.18	77	237033	38.87	ng		97
25) Isophorone	7.43	82	471409	43.34	ng	#	94
26) 2-Nitrophenol	7.50	139	119585	47.15	ng	#	72
27) 2,4-Dimethylphenol	7.54	122	191346	42.65	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	297012	46.22	ng		99
29) 2,4-Dichlorophenol	7.74	162	166235	44.01	ng		87
30) 1,2,4-Trichlorobenzene	7.82	180	173330	41.28	ng		98
31) Naphthalene	7.90	128	660845	44.49	ng		99
32) Benzoic acid	7.66	122	42404	16.80	ng		96
33) 4-Chloroaniline	7.96	127	101957	16.27	ng	#	85
34) Hexachlorobutadiene	8.02	225	102400	43.13	ng		98
35) Caprolactam	8.33	113	58329m	44.18	ng		
36) 4-Chloro-3-methylphenol	8.45	107	208714	46.36	ng		99
37) 2-Methylnaphthalene	8.58	142	390930	41.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	175018	44.88	ng	#	97
40) Hexachlorocyclopentadiene	8.74	237	178402	88.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	123391	44.78	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	123398	44.81	ng		95
45) 1,1'-Biphenyl	9.05	154	478961	44.98	ng		96
46) 2-Chloronaphthalene	9.08	162	389657	45.55	ng		95
47) 2-Nitroaniline	9.18	65	179524	51.29	ng	#	80
48) Acenaphthylene	9.49	152	669233	43.74	ng		99
49) Dimethylphthalate	9.37	163	477627	47.98	ng		99
50) 2,6-Dinitrotoluene	9.42	165	88858	41.57	ng	#	66
51) Acenaphthene	9.66	154	395821	43.21	ng		99
52) 3-Nitroaniline	9.59	138	75687	28.30	ng	#	63
53) 2,4-Dinitrophenol	9.69	184	57023	52.30	ng	#	62
54) Dibenzofuran	9.83	168	569193	46.37	ng		97
55) 4-Nitrophenol	9.76	139	138089	73.51	ng		86
56) 2,4-Dinitrotoluene	9.82	165	117151	41.35	ng	#	58
57) Fluorene	10.16	166	401367	42.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	99635	46.75	ng		92
59) Diethylphthalate	10.06	149	446739	42.40	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	170811	42.75	ng		95
61) 4-Nitroaniline	10.20	138	101640	37.18	ng		91
62) Azobenzene	10.32	77	544993	44.88	ng		97
64) 4,6-Dinitro-2-methylphenol	10.23	198	47200	33.72	ng	#	53
65) n-Nitrosodiphenylamine	10.29	169	362052	43.27	ng		100
66) 4-Bromophenyl-phenylether	10.65	248	115813	50.30	ng	#	90
67) Hexachlorobenzene	10.71	284	115834	49.67	ng		94
68) Atrazine	10.82	200	133079	57.09	ng		98
69) Pentachlorophenol	10.90	266	117303	83.84	ng		98
70) Phenanthrene	11.12	178	655899	47.22	ng		100
71) Anthracene	11.17	178	574148	42.47	ng		100
72) Carbazole	11.33	167	626791	48.16	ng		99
73) Di-n-butylphthalate	11.67	149	710266	45.10	ng		98
74) Fluoranthene	12.29	202	664645	44.34	ng		91
76) Benzidine	12.43	184	129422	19.43	ng		98
77) Pyrene	12.52	202	648968	45.27	ng		99
79) Butylbenzylphthalate	13.16	149	349615	56.73	ng	#	81
80) Benzo(a)anthracene	13.69	228	611505	51.70	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	129853	33.90	ng		99
82) Chrysene	13.74	228	595550	55.88	ng		100
83) Bis(2-ethylhexyl)phthalate	13.72	149	441584	55.94	ng	#	97
84) Di-n-octyl phthalate	14.32	149	742873	61.92	ng		98
85) Indeno(1,2,3-cd)pyrene	16.27	276	467200	62.43	ng	#	94
87) Benzo(b)fluoranthene	14.70	252	678739m	57.93	ng		
88) Benzo(k)fluoranthene	14.72	252	389588m	35.68	ng		
89) Benzo(a)pyrene	15.00	252	489960	47.99	ng	#	95
90) Dibenzo(a,h)anthracene	16.28	278	389815	49.00	ng	#	95
91) Benzo(g,h,i)perylene	16.62	276	387393	48.00	ng	#	91

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

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