Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080864.D
Acq On : 5 Aug 2015 5:34
Operator : TP/UM
Sample : G3150-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU021-SB-20-14MS

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:01:22 PM

Quant Time: Aug 05 08:16:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65090	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	247986	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	102673	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	163378	20.00	ng		0.00
75) Chrysene-d12	13.96	240	98433	20.00	ng		0.00
86) Perylene-d12	15.37	264	78297	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	445753	103.65	ng		0.01
7) Phenol-d6	6.46	99	681863	121.28	ng		0.01
23) Nitrobenzene-d5	7.39	82	429349	81.59	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	118908	120.09	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	615110	80.67	ng		0.00
78) Terphenyl-d14	12.92	244	430651	79.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	73298	34.77	ng		100
3) Pyridine	3.24	79	170902	29.41	ng		99
4) n-Nitrosodimethylamine	3.18	42	115556	38.77	ng		96
6) Aniline	6.49	93	187565	22.93	ng		99
8) 2-Chlorophenol	6.61	128	186633	38.74	ng		95
9) Benzaldehyde	6.37	77	38963	9.93	ng		92
10) Phenol	6.48	94	269183	40.24	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	209950	42.03	ng		97
12) 1,3-Dichlorobenzene	6.76	146	179878	34.84	ng		100
13) 1,4-Dichlorobenzene	6.84	146	187243	36.14	ng		99
14) 1,2-Dichlorobenzene	6.99	146	173309m	35.45	ng		
15) Benzyl Alcohol	6.97	79	150958	41.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	378496	39.15	ng		100
17) 2-Methylphenol	7.08	107	160129	37.95	ng		98
18) Hexachloroethane	7.33	117	73020	37.08	ng	#	78
19) n-Nitroso-di-n-propylamine	7.24	70	133950	36.88	ng		100
20) 3+4-Methylphenols	7.23	107	177673	36.31	ng	#	87
22) Acetophenone	7.24	105	252214	41.64	ng	#	97
24) Nitrobenzene	7.40	77	199857	36.62	ng	#	86
25) Isophorone	7.65	82	373893	40.10	ng		98
26) 2-Nitrophenol	7.72	139	89324m	39.90	ng		
27) 2,4-Dimethylphenol	7.77	122	157347m	37.75	ng		
28) bis(2-Chloroethoxy)methane	7.86	93	218358	38.08	ng		100
29) 2,4-Dichlorophenol	7.96	162	131566	38.23	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	152775	39.01	ng		99
31) Naphthalene	8.13	128	525201	38.88	ng		100
32) Benzoic acid	7.87	122	84516m	30.91	ng		
33) 4-Chloroaniline	8.18	127	85632	16.21	ng		95
34) Hexachlorobutadiene	8.25	225	83573	37.44	ng		99
35) Caprolactam	8.53	113	39036	39.72	ng		93
36) 4-Chloro-3-methylphenol	8.66	107	147905	39.17	ng		96
37) 2-Methylnaphthalene	8.82	142	322504	39.84	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	131166	37.44	ng		99
40) Hexachlorocyclopentadiene	8.98	237	169996	80.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	89747	37.79	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	88669	37.23	ng	#	82
45) 1,1'-Biphenyl	9.29	154	371486	39.25	ng		99
46) 2-Chloronaphthalene	9.31	162	281929	38.30	ng		99
47) 2-Nitroaniline	9.40	65	113589	42.39	ng		99
48) Acenaphthylene	9.72	152	483864	39.95	ng		99
49) Dimethylphthalate	9.58	163	380714	50.84	ng		100
50) 2,6-Dinitrotoluene	9.64	165	60469	38.61	ng		95
51) Acenaphthene	9.89	154	314655	43.21	ng		99
52) 3-Nitroaniline	9.80	138	43319	22.39	ng	#	59
53) 2,4-Dinitrophenol	9.92	184	70806	66.63	ng	#	77
54) Dibenzofuran	10.06	168	402617	41.46	ng		99
55) 4-Nitrophenol	9.97	139	113812	83.63	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	79092	40.00	ng		95
57) Fluorene	10.41	166	289814	39.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	68570	40.12	ng		100
59) Diethylphthalate	10.28	149	287742	38.81	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	124550	40.95	ng		99
61) 4-Nitroaniline	10.42	138	61750	35.77	ng		96
62) Azobenzene	10.56	77	353892	40.82	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	40001	38.06	ng		98
65) n-Nitrosodiphenylamine	10.52	169	235027	37.55	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	77690	42.97	ng		99
67) Hexachlorobenzene	10.94	284	77001	38.99	ng		98
68) Atrazine	11.05	200	70948	43.55	ng		99
69) Pentachlorophenol	11.14	266	80936	75.21	ng		99
70) Phenanthrene	11.36	178	345032	36.55	ng		100
71) Anthracene	11.41	178	383721	41.84	ng		99
72) Carbazole	11.56	167	313533	36.24	ng		99
73) Di-n-butylphthalate	11.90	149	444435	43.38	ng		99
74) Fluoranthene	12.55	202	355649	38.68	ng		99
76) Benzidine	12.67	184	88129	18.50	ng		100
77) Pyrene	12.77	202	365800	41.43	ng		100
79) Butylbenzylphthalate	13.39	149	147710	40.90	ng		100
80) Benzo(a)anthracene	13.95	228	249227	37.85	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	62883	25.70	ng	#	98
82) Chrysene	13.99	228	230958	34.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	205381	42.59	ng		100
84) Di-n-octyl phthalate	14.57	149	337011	41.58	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	206969	37.57	ng		99
87) Benzo(b)fluoranthene	14.97	252	204493m	34.92	ng		
88) Benzo(k)fluoranthene	15.00	252	211724m	46.96	ng		
89) Benzo(a)pyrene	15.31	252	194238	40.63	ng		98
90) Dibenzo(a,h)anthracene	16.75	278	172922	41.64	ng		99
91) Benzo(g,h,i)perylene	17.14	276	181602	45.24	ng		97

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

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