Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082489.D
Acq On : 24 Oct 2015 2:39
Operator : UM/IZ
Sample : G4142-05MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-003MS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:33 PM

Quant Time: Oct 24 06:51:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	98408	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	386027	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	187449	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	346168	20.00	ng		0.00
75) Chrysene-d12	13.96	240	247651	20.00	ng		0.00
86) Perylene-d12	15.42	264	215917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	721969	148.07	ng		0.01
7) Phenol-d6	6.41	99	971889	153.17	ng		0.00
23) Nitrobenzene-d5	7.34	82	637142	110.84	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	222081	126.33	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1210888	107.13	ng		0.00
78) Terphenyl-d14	12.88	244	1046788	112.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	92628	37.81	ng		97
3) Pyridine	3.02	79	166057	29.14	ng		98
4) n-Nitrosodimethylamine	2.99	42	119303	49.37	ng		93
6) Aniline	6.42	93	179269	21.91	ng	#	1
8) 2-Chlorophenol	6.55	128	289481	48.63	ng		97
9) Benzaldehyde	6.30	77	119574	36.90	ng		95
10) Phenol	6.43	94	303470	41.48	ng		94
11) bis(2-Chloroethyl)ether	6.50	93	274003	44.29	ng		98
12) 1,3-Dichlorobenzene	6.70	146	316788m	45.70	ng		
13) 1,4-Dichlorobenzene	6.78	146	323763	44.72	ng		96
14) 1,2-Dichlorobenzene	6.93	146	326814	47.54	ng		95
15) Benzyl Alcohol	6.91	79	238509	54.45	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	377173	43.78	ng		56
17) 2-Methylphenol	7.03	107	223451	47.47	ng	#	89
18) Hexachloroethane	7.26	117	107594	43.42	ng		92
19) n-Nitroso-di-n-propylamine	7.19	70	208008	46.68	ng		99
20) 3+4-Methylphenols	7.19	107	288199	51.38	ng	#	65
22) Acetophenone	7.18	105	402857	52.76	ng	#	87
24) Nitrobenzene	7.35	77	275142	44.22	ng		100
25) Isophorone	7.59	82	551705	47.55	ng		100
26) 2-Nitrophenol	7.67	139	166325	53.53	ng		98
27) 2,4-Dimethylphenol	7.71	122	254627	50.87	ng		100
28) bis(2-Chloroethoxy)methane	7.81	93	362310	53.67	ng		99
29) 2,4-Dichlorophenol	7.92	162	260213	52.00	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	279875	48.53	ng		99
31) Naphthalene	8.07	128	841817	50.31	ng		100
32) Benzoic acid	7.85	122	82309	24.50	ng		97
33) 4-Chloroaniline	8.13	127	107640	15.49	ng		98
34) Hexachlorobutadiene	8.18	225	161204	44.86	ng		98
35) Caprolactam	8.51	113	74072m	51.01	ng		
36) 4-Chloro-3-methylphenol	8.63	107	267240	54.61	ng		95
37) 2-Methylnaphthalene	8.75	142	548305	47.26	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	270711	48.55	ng		99
40) Hexachlorocyclopentadiene	8.90	237	102529	40.87	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	183390	49.52	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	188601	47.01	ng		98
45) 1,1'-Biphenyl	9.22	154	649142	45.41	ng		99
46) 2-Chloronaphthalene	9.26	162	518577	46.09	ng		98
47) 2-Nitroaniline	9.36	65	164026	53.10	ng	#	86
48) Acenaphthylene	9.67	152	852578	48.64	ng		100
49) Dimethylphthalate	9.54	163	906907	68.71	ng		98
50) 2,6-Dinitrotoluene	9.60	165	128920	46.29	ng	#	69
51) Acenaphthene	9.84	154	516438	49.08	ng		99
52) 3-Nitroaniline	9.77	138	87370	27.77	ng		90
53) 2,4-Dinitrophenol	9.89	184	74842	50.64	ng		97
54) Dibenzofuran	10.01	168	719284	49.79	ng		99
55) 4-Nitrophenol	9.95	139	142365	69.24	ng	#	77
56) 2,4-Dinitrotoluene	10.01	165	190366	54.69	ng		96
57) Fluorene	10.35	166	601812	50.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	157669	48.10	ng		95
59) Diethylphthalate	10.24	149	652454	53.03	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	262756	48.34	ng		98
61) 4-Nitroaniline	10.39	138	123671	40.53	ng		93
62) Azobenzene	10.50	77	574416	47.70	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	65909	33.93	ng		91
65) n-Nitrosodiphenylamine	10.47	169	489427	47.22	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	162453	46.89	ng		98
67) Hexachlorobenzene	10.90	284	174777	46.65	ng		96
68) Atrazine	11.01	200	188472	57.40	ng		98
69) Pentachlorophenol	11.10	266	165968	86.08	ng		97
70) Phenanthrene	11.31	178	840327	49.52	ng		100
71) Anthracene	11.37	178	921487	52.70	ng		99
72) Carbazole	11.53	167	805271	50.49	ng		98
73) Di-n-butylphthalate	11.85	149	922503	46.88	ng		100
74) Fluoranthene	12.50	202	847992	46.53	ng		98
76) Benzidine	12.63	184	90563	12.62	ng		99
77) Pyrene	12.73	202	846361	57.59	ng		99
79) Butylbenzylphthalate	13.36	149	416181	62.05	ng	#	84
80) Benzo(a)anthracene	13.94	228	625592	48.55	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	203697	41.65	ng	#	96
82) Chrysene	13.98	228	635464	46.80	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	572523	59.83	ng		99
84) Di-n-octyl phthalate	14.57	149	860241	52.35	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	582331	53.96	ng		98
87) Benzo(b)fluoranthene	15.01	252	674713m	51.36	ng		
88) Benzo(k)fluoranthene	15.04	252	437887m	39.66	ng		
89) Benzo(a)pyrene	15.36	252	555452	49.20	ng	#	97
90) Dibenzo(a,h)anthracene	16.81	278	494654	53.47	ng		98
91) Benzo(g,h,i)perylene	17.22	276	475345	52.89	ng		99

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

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