Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080714.D
Acq On : 31 Jul 2015 2:28
Operator : TP/UM
Sample : G3143-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:37 AM

Quant Time: Jul 31 06:55:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158556	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	599000	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	307177	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	513132	20.00	ng		0.00
75) Chrysene-d12	14.00	240	300409	20.00	ng		0.00
86) Perylene-d12	15.41	264	280959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1208407	130.74	ng		0.01
7) Phenol-d6	6.49	99	1599311	127.10	ng		0.00
23) Nitrobenzene-d5	7.42	82	1187804	96.03	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	428181	134.33	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1756040	85.29	ng		0.00
78) Terphenyl-d14	12.96	244	1401857	88.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	159333	34.96	ng		100
3) Pyridine	3.25	79	442463	34.99	ng		99
4) n-Nitrosodimethylamine	3.21	42	326738	45.20	ng		100
6) Aniline	6.52	93	705957	38.97	ng		99
8) 2-Chlorophenol	6.64	128	447907	43.23	ng		91
9) Benzaldehyde	6.40	77	116837	12.90	ng		84
10) Phenol	6.50	94	580744	39.88	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	477131	45.87	ng		98
12) 1,3-Dichlorobenzene	6.80	146	481258	41.73	ng		99
13) 1,4-Dichlorobenzene	6.88	146	510603	43.40	ng		99
14) 1,2-Dichlorobenzene	7.02	146	439180	40.84	ng		98
15) Benzyl Alcohol	7.00	79	519801	49.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1045808	47.06	ng		100
17) 2-Methylphenol	7.10	107	398356	46.84	ng		99
18) Hexachloroethane	7.37	117	182212	41.49	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	387813	45.77	ng		100
20) 3+4-Methylphenols	7.26	107	496018	47.27	ng		96
22) Acetophenone	7.26	105	635791	43.97	ng	#	98
24) Nitrobenzene	7.44	77	521916	42.11	ng		99
25) Isophorone	7.68	82	1006889	45.77	ng		99
26) 2-Nitrophenol	7.76	139	255537m	50.80	ng		
27) 2,4-Dimethylphenol	7.79	122	415877	44.01	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	667308	51.21	ng		99
29) 2,4-Dichlorophenol	8.00	162	410496	48.87	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	392542	42.85	ng		99
31) Naphthalene	8.16	128	1264517	42.29	ng		99
32) Benzoic acid	7.84	122	14324m	2.47	ng		
33) 4-Chloroaniline	8.20	127	423427	33.56	ng	#	84
34) Hexachlorobutadiene	8.28	225	258526	43.71	ng		98
35) Caprolactam	8.58	113	117085m	46.55	ng		
36) 4-Chloro-3-methylphenol	8.69	107	457803	50.55	ng	#	82
37) 2-Methylnaphthalene	8.85	142	893312	47.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	358782	37.19	ng		99
40) Hexachlorocyclopentadiene	9.01	237	472072	79.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	301439m	44.92	ng		
43) 2,4,5-Trichlorophenol	9.16	196	296084m	44.48	ng		
45) 1,1'-Biphenyl	9.32	154	1005093	42.67	ng		99
46) 2-Chloronaphthalene	9.34	162	798830	41.52	ng		99
47) 2-Nitroaniline	9.44	65	351460	46.95	ng		97
48) Acenaphthylene	9.76	152	1344674	43.96	ng		99
49) Dimethylphthalate	9.62	163	1160329	53.60	ng		100
50) 2,6-Dinitrotoluene	9.68	165	199194	43.36	ng		94
51) Acenaphthene	9.93	154	807047	43.25	ng		99
52) 3-Nitroaniline	9.85	138	195953	36.96	ng		96
53) 2,4-Dinitrophenol	9.94	184	73199	29.92	ng		89
54) Dibenzofuran	10.10	168	1115939	44.71	ng		100
55) 4-Nitrophenol	10.00	139	309627	79.27	ng	#	56
56) 2,4-Dinitrotoluene	10.08	165	247363	41.06	ng		89
57) Fluorene	10.44	166	857803	44.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	243174	48.44	ng	#	97
59) Diethylphthalate	10.32	149	860237	41.23	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	365733	43.60	ng		99
61) 4-Nitroaniline	10.45	138	184613	38.57	ng		98
62) Azobenzene	10.59	77	1021919	45.21	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	128622	41.62	ng	#	35
65) n-Nitrosodiphenylamine	10.56	169	748919	44.52	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	256577	48.44	ng		99
67) Hexachlorobenzene	10.98	284	258290	42.17	ng		97
68) Atrazine	11.08	200	257527	Below Cal			92
69) Pentachlorophenol	11.17	266	293640	79.23	ng		98
70) Phenanthrene	11.39	178	1083586	41.91	ng		100
71) Anthracene	11.45	178	1160621	45.69	ng		100
72) Carbazole	11.60	167	932133	42.28	ng		99
73) Di-n-butylphthalate	11.94	149	1229979	44.99	ng		100
74) Fluoranthene	12.58	202	1126743	45.08	ng		99
76) Benzidine	12.71	184	622466	56.91	ng		99
77) Pyrene	12.81	202	1145605	49.17	ng		99
79) Butylbenzylphthalate	13.43	149	408054	42.32	ng		97
80) Benzo(a)anthracene	13.99	228	776011	42.95	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	253053	41.04	ng		97
82) Chrysene	14.03	228	746053	42.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	567493	48.93	ng	#	93
84) Di-n-octyl phthalate	14.60	149	931798	47.91	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	742622	46.85	ng	#	88
87) Benzo(b)fluoranthene	15.01	252	725977m	43.26	ng		
88) Benzo(k)fluoranthene	15.04	252	563137m	40.77	ng		
89) Benzo(a)pyrene	15.36	252	628884	45.64	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	620695	50.33	ng	#	97
91) Benzo(g,h,i)perylene	17.21	276	638570	52.61	ng		99

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

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