Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080713.D
Acq On : 31 Jul 2015 1:57
Operator : TP/UM
Sample : G3143-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:32 AM

Quant Time: Jul 31 07:42:17 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	167961	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	644979	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	331900	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	577445	20.00	ng		0.00
75) Chrysene-d12	14.00	240	323233	20.00	ng		0.00
86) Perylene-d12	15.41	264	289901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1250493	127.72	ng		0.02
7) Phenol-d6	6.49	99	1833656	137.57	ng		0.00
23) Nitrobenzene-d5	7.42	82	1301606	97.73	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	477094	138.53	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1926001	86.57	ng		0.00
78) Terphenyl-d14	12.96	244	1593454	93.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	193214	40.02	ng		98
3) Pyridine	3.32	79	535047	39.94	ng		98
4) n-Nitrosodimethylamine	3.24	42	366956	47.92	ng		98
6) Aniline	6.52	93	495209	25.81	ng		99
8) 2-Chlorophenol	6.65	128	510622	46.53	ng	#	79
9) Benzaldehyde	6.40	77	125711	13.12	ng		85
10) Phenol	6.50	94	571894	37.08	ng		83
11) bis(2-Chloroethyl)ether	6.60	93	541216	49.12	ng	#	82
12) 1,3-Dichlorobenzene	6.80	146	527402	43.17	ng		99
13) 1,4-Dichlorobenzene	6.88	146	559603	44.90	ng		98
14) 1,2-Dichlorobenzene	7.02	146	501783	44.04	ng		97
15) Benzyl Alcohol	7.00	79	561912	50.76	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1115622	47.39	ng		100
17) 2-Methylphenol	7.12	107	458217	50.87	ng		94
18) Hexachloroethane	7.37	117	201059	43.22	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	415103	46.24	ng		99
20) 3+4-Methylphenols	7.26	107	522652	47.02	ng		99
22) Acetophenone	7.26	105	714937	45.92	ng	#	97
24) Nitrobenzene	7.44	77	578239	43.33	ng		97
25) Isophorone	7.68	82	1128634	47.65	ng		98
26) 2-Nitrophenol	7.76	139	283771m	52.39	ng		
27) 2,4-Dimethylphenol	7.79	122	458909m	45.10	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	723742	51.58	ng		98
29) 2,4-Dichlorophenol	8.00	162	460238	50.88	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	437552	44.36	ng		99
31) Naphthalene	8.16	128	1391624	43.23	ng		100
32) Benzoic acid	7.87	122	78484m	11.24	ng		
33) 4-Chloroaniline	8.20	127	194097	14.29	ng	#	88
34) Hexachlorobutadiene	8.28	225	284161	44.62	ng		99
35) Caprolactam	8.58	113	134580m	49.69	ng		
36) 4-Chloro-3-methylphenol	8.69	107	507709	52.06	ng		92
37) 2-Methylnaphthalene	8.85	142	1004232	49.69	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	401381	38.51	ng		99
40) Hexachlorocyclopentadiene	9.01	237	520400	81.16	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	317804m	43.83	ng		
43) 2,4,5-Trichlorophenol	9.17	196	337124m	46.88	ng		
45) 1,1'-Biphenyl	9.32	154	1110309	43.63	ng		98
46) 2-Chloronaphthalene	9.34	162	906108	43.59	ng		99
47) 2-Nitroaniline	9.44	65	407338	50.37	ng		86
48) Acenaphthylene	9.76	152	1435315	43.43	ng		100
49) Dimethylphthalate	9.62	163	1281028	54.77	ng		100
50) 2,6-Dinitrotoluene	9.68	165	211242	42.56	ng		85
51) Acenaphthene	9.93	154	941044	46.67	ng		100
52) 3-Nitroaniline	9.84	138	132164	23.07	ng	#	51
53) 2,4-Dinitrophenol	9.95	184	164757	62.32	ng	#	50
54) Dibenzofuran	10.10	168	1218179	45.17	ng		98
55) 4-Nitrophenol	10.01	139	423325	100.31	ng	#	77
56) 2,4-Dinitrotoluene	10.08	165	280456	43.08	ng	#	79
57) Fluorene	10.44	166	963688	46.04	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	261738	48.26	ng	#	94
59) Diethylphthalate	10.32	149	1008106	44.72	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	412957	45.64	ng		99
61) 4-Nitroaniline	10.45	138	226325	43.76	ng		94
62) Azobenzene	10.59	77	1165300	47.71	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	150193	43.19	ng	#	40
65) n-Nitrosodiphenylamine	10.56	169	920080	48.60	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	286059	47.99	ng		96
67) Hexachlorobenzene	10.98	284	306696	44.50	ng		100
68) Atrazine	11.08	200	299847	Below Cal			97
69) Pentachlorophenol	11.17	266	329183	78.93	ng		98
70) Phenanthrene	11.40	178	1304363	44.84	ng		99
71) Anthracene	11.45	178	1274366	44.58	ng		100
72) Carbazole	11.60	167	1069462	43.11	ng		99
73) Di-n-butylphthalate	11.94	149	1442071	46.87	ng		99
74) Fluoranthene	12.58	202	1265206	44.98	ng		99
76) Benzidine	12.71	184	525795	44.68	ng		99
77) Pyrene	12.81	202	1322357	52.75	ng		99
79) Butylbenzylphthalate	13.43	149	508000	48.70	ng		92
80) Benzo(a)anthracene	13.99	228	864580	44.48	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	142095	21.42	ng		97
82) Chrysene	14.03	228	886154	46.96	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	659577	52.85	ng		99
84) Di-n-octyl phthalate	14.60	149	1010490	48.29	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	786344	46.15	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	786799m	45.43	ng		
88) Benzo(k)fluoranthene	15.04	252	622326m	43.67	ng		
89) Benzo(a)pyrene	15.36	252	664254	46.73	ng		98
90) Dibenzo(a,h)anthracene	16.82	278	667346	52.44	ng		100
91) Benzo(g,h,i)perylene	17.21	276	679613	54.27	ng		99

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

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