Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016881.D
Acq On : 6 May 2015 2:03
Operator : TP/IZ
Sample : G2114-18MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID-6(12-18)MS

Manual Integrations APPROVED
apatel
5/6/2015 5:18:03 PM

Quant Time: May 06 04:11:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 03:35:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	84213	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	367796	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	240889	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	518630	20.00	ng		0.00
75) Chrysene-d12	21.36	240	533287	20.00	ng		0.00
86) Perylene-d12	23.67	264	524695	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	371827	76.88	ng		0.00
7) Phenol-d6	6.97	99	519465	75.18	ng		0.00
23) Nitrobenzene-d5	8.96	82	328944	43.69	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	166119	68.69	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	674425	42.25	ng		0.00
78) Terphenyl-d14	19.81	244	969840	42.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	38746	19.12	ng	#	1
3) Pyridine	3.69	79	107512	17.16	ng		90
4) n-Nitrosodimethylamine	3.61	42	81971	21.91	ng	#	97
6) Aniline	7.13	93	150202	15.48	ng		100
8) 2-Chlorophenol	7.37	128	129316	23.08	ng		95
9) Benzaldehyde	6.94	77	57150	10.04	ng		92
10) Phenol	7.00	94	188439	25.43	ng		99
11) bis(2-Chloroethyl)ether	7.23	93	126411	22.06	ng		93
12) 1,3-Dichlorobenzene	7.69	146	125363	20.29	ng		96
13) 1,4-Dichlorobenzene	7.84	146	128086	20.47	ng		97
14) 1,2-Dichlorobenzene	8.15	146	125093	20.83	ng		90
15) Benzyl Alcohol	8.04	79	136081	21.56	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.34	45	236586	22.31	ng		97
17) 2-Methylphenol	8.24	107	117832	22.58	ng		98
18) Hexachloroethane	8.88	117	51077	19.86	ng		93
19) n-Nitroso-di-n-propylamine	8.61	70	119086	19.66	ng		98
20) 3+4-Methylphenols	8.56	107	159340	22.16	ng		94
22) Acetophenone	8.62	105	196487	22.43	ng		98
24) Nitrobenzene	9.00	77	166924	21.96	ng		97
25) Isophorone	9.52	82	312286	20.54	ng		97
26) 2-Nitrophenol	9.71	139	68364	22.08	ng		93
27) 2,4-Dimethylphenol	9.77	122	132035	23.57	ng		95
28) bis(2-Chloroethoxy)methane	10.01	93	163627	21.32	ng		97
29) 2,4-Dichlorophenol	10.24	162	125350	23.68	ng		97
30) 1,2,4-Trichlorobenzene	10.46	180	121179	21.59	ng		97
31) Naphthalene	10.64	128	390458	21.34	ng		99
32) Benzoic acid	9.84	122	31519	12.36	ng		91
33) 4-Chloroaniline	10.76	127	142893	16.91	ng		99
34) Hexachlorobutadiene	10.93	225	69664	19.83	ng		92
35) Caprolactam	11.52	113	57281m	20.83	ng		
36) 4-Chloro-3-methylphenol	11.88	107	157641	23.26	ng		97
37) 2-Methylnaphthalene	12.26	142	295881	21.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	134998	20.73	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	169403	40.28	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	98218	21.28	ng		94
43) 2,4,5-Trichlorophenol	12.94	196	106051	21.65	ng		96
45) 1,1'-Biphenyl	13.28	154	372938	21.62	ng		99
46) 2-Chloronaphthalene	13.32	162	291246	21.32	ng		97
47) 2-Nitroaniline	13.52	65	110682	23.28	ng		95
48) Acenaphthylene	14.16	152	493114	20.73	ng		98
49) Dimethylphthalate	13.91	163	412639	22.94	ng		99
50) 2,6-Dinitrotoluene	14.02	165	83035	22.23	ng	#	86
51) Acenaphthene	14.50	154	299044	21.12	ng		100
52) 3-Nitroaniline	14.34	138	79847	18.79	ng		91
53) 2,4-Dinitrophenol	14.55	184	68753	40.25	ng		94
54) Dibenzofuran	14.84	168	449008	22.33	ng		94
55) 4-Nitrophenol	14.65	139	158726	44.06	ng		99
56) 2,4-Dinitrotoluene	14.80	165	112024	23.45	ng	#	91
57) Fluorene	15.49	166	381734	21.45	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	93403	22.10	ng	#	77
59) Diethylphthalate	15.27	149	400524	21.09	ng		99
60) 4-Chlorophenyl-phenylether	15.49	204	190333	21.28	ng		95
61) 4-Nitroaniline	15.50	138	102321	20.77	ng		91
62) Azobenzene	15.78	77	480880	24.45	ng		99
64) 4,6-Dinitro-2-methylphenol	15.56	198	54328	21.13	ng		96
65) n-Nitrosodiphenylamine	15.70	169	335841	21.21	ng		99
66) 4-Bromophenyl-phenylether	16.38	248	111350	21.39	ng		93
67) Hexachlorobenzene	16.49	284	118002	21.50	ng		99
68) Atrazine	16.65	200	127540	22.39	ng		98
69) Pentachlorophenol	16.83	266	152036	42.66	ng		99
70) Phenanthrene	17.23	178	580091	21.73	ng		98
71) Anthracene	17.32	178	581804	21.61	ng		98
72) Carbazole	17.59	167	577944	22.58	ng		97
73) Di-n-butylphthalate	18.16	149	714375	21.53	ng		99
74) Fluoranthene	19.25	202	667708	21.56	ng		99
76) Benzidine	19.43	184	318066	17.55	ng		99
77) Pyrene	19.60	202	690649	21.94	ng		98
79) Butylbenzylphthalate	20.51	149	316342	21.15	ng		98
80) Benzo(a)anthracene	21.35	228	617775	21.59	ng		97
81) 3,3'-Dichlorobenzidine	21.28	252	215273	19.27	ng		98
82) Chrysene	21.40	228	578230	21.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.28	149	451606	22.07	ng		99
84) Di-n-octyl phthalate	22.18	149	799322	23.25	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.03	276	667987	20.92	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	642824	21.99	ng		99
88) Benzo(k)fluoranthene	23.02	252	602712	21.43	ng		97
89) Benzo(a)pyrene	23.56	252	614601	22.55	ng		99
90) Dibenzo(a,h)anthracene	26.05	278	570742	20.50	ng		99
91) Benzo(g,h,i)perylene	26.75	276	548059	20.67	ng		98

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

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