Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
Data File : BG017429.D
Acq On : 4 Jun 2015 5:42
Operator : TP/IZ
Sample : G2420-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PENRD8.1(4)MS

Manual Integrations APPROVED
apatel
6/5/2015 8:12:39 AM

Quant Time: Jun 04 07:08:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 06:50:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17249	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	75468	20.00	ng		0.00
38) Acenaphthene-d10	14.29	164	49100	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	124483	20.00	ng		0.00
75) Chrysene-d12	21.24	240	149397	20.00	ng		0.00
86) Perylene-d12	23.47	264	149662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	145758	148.88	ng		0.00
7) Phenol-d6	6.83	99	199493	149.57	ng		0.00
23) Nitrobenzene-d5	8.79	82	139493	92.27	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	104557	153.32	ng		0.00
44) 2-Fluorobiphenyl	12.91	172	317375	97.51	ng		0.00
78) Terphenyl-d14	19.68	244	653667	90.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	13240	30.05	ng		87
3) Pyridine	3.47	79	35462	30.13	ng		95
4) n-Nitrosodimethylamine	3.40	42	35261	45.71	ng		89
6) Aniline	6.96	93	43195	24.12	ng		98
8) 2-Chlorophenol	7.20	128	53571	46.27	ng		95
9) Benzaldehyde	6.77	77	5863	6.48	ng		94
10) Phenol	6.86	94	70019	51.11	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	49583	47.50	ng		92
12) 1,3-Dichlorobenzene	7.51	146	51917	40.11	ng		98
13) 1,4-Dichlorobenzene	7.66	146	54919	40.49	ng		97
14) 1,2-Dichlorobenzene	7.98	146	52202	41.11	ng		88
15) Benzyl Alcohol	7.88	79	56046	45.13	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	79018	44.91	ng		96
17) 2-Methylphenol	8.09	107	49367	47.49	ng		92
18) Hexachloroethane	8.70	117	23051	42.60	ng		95
19) n-Nitroso-di-n-propylamine	8.43	70	47927	42.47	ng	#	91
20) 3+4-Methylphenols	8.42	107	66258	46.07	ng		99
22) Acetophenone	8.45	105	82610	44.66	ng	#	98
24) Nitrobenzene	8.83	77	69666	44.39	ng		100
25) Isophorone	9.35	82	129109	40.83	ng		99
26) 2-Nitrophenol	9.54	139	32574	44.75	ng		97
27) 2,4-Dimethylphenol	9.61	122	55608	46.99	ng		95
28) bis(2-Chloroethoxy)methane	9.84	93	65324	45.22	ng		96
29) 2,4-Dichlorophenol	10.08	162	53864	46.70	ng		96
30) 1,2,4-Trichlorobenzene	10.28	180	54960	40.52	ng		93
31) Naphthalene	10.47	128	165445	41.96	ng		99
33) 4-Chloroaniline	10.59	127	32520	18.59	ng		97
34) Hexachlorobutadiene	10.75	225	35209	39.89	ng		96
35) Caprolactam	11.36	113	21001m	33.09	ng		
36) 4-Chloro-3-methylphenol	11.75	107	69079	46.03	ng		92
37) 2-Methylnaphthalene	12.09	142	132229	43.63	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	68225	45.66	ng		95
40) Hexachlorocyclopentadiene	12.45	237	67349	76.69	ng		97
42) 2,4,6-Trichlorophenol	12.72	196	49237	46.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.81	196	52107	44.47	ng		92
45) 1,1'-Biphenyl	13.12	154	170104	47.40	ng		99
46) 2-Chloronaphthalene	13.16	162	138284	46.08	ng		95
47) 2-Nitroaniline	13.38	65	52712	47.57	ng		97
48) Acenaphthylene	14.01	152	228620	43.25	ng		98
49) Dimethylphthalate	13.76	163	220362	51.56	ng		99
50) 2,6-Dinitrotoluene	13.88	165	44870	46.73	ng		96
51) Acenaphthene	14.36	154	137110	44.00	ng		99
52) 3-Nitroaniline	14.21	138	29455	28.32	ng	#	94
53) 2,4-Dinitrophenol	14.42	184	29437	51.58	ng		95
54) Dibenzofuran	14.69	168	217376	47.28	ng		95
55) 4-Nitrophenol	14.56	139	73094	88.01	ng		94
56) 2,4-Dinitrotoluene	14.67	165	64414	47.09	ng	#	92
57) Fluorene	15.34	166	190119	45.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.93	232	48730	45.59	ng		98
59) Diethylphthalate	15.13	149	209743	45.21	ng		98
60) 4-Chlorophenyl-phenylether	15.34	204	101537	48.07	ng		95
61) 4-Nitroaniline	15.38	138	51701	45.15	ng		97
62) Azobenzene	15.63	77	208929	47.38	ng		97
64) 4,6-Dinitro-2-methylphenol	15.44	198	37544	40.68	ng		100
65) n-Nitrosodiphenylamine	15.56	169	166652	44.89	ng		97
66) 4-Bromophenyl-phenylether	16.24	248	63548	46.12	ng		97
67) Hexachlorobenzene	16.35	284	66990	45.22	ng		96
68) Atrazine	16.52	200	75017	45.91	ng		94
69) Pentachlorophenol	16.70	266	74496	82.01	ng		90
70) Phenanthrene	17.08	178	309895	44.65	ng		99
71) Anthracene	17.18	178	311632	44.94	ng		97
72) Carbazole	17.45	167	305191	44.58	ng		98
73) Di-n-butylphthalate	18.02	149	401250	45.77	ng		99
74) Fluoranthene	19.11	202	412086	45.40	ng		99
76) Benzidine	19.30	184	113342	22.07	ng		98
77) Pyrene	19.47	202	425125	46.19	ng		99
79) Butylbenzylphthalate	20.38	149	187033	46.96	ng		99
80) Benzo(a)anthracene	21.22	228	411063	44.74	ng		99
81) 3,3'-Dichlorobenzidine	21.16	252	84211	24.53	ng		98
82) Chrysene	21.27	228	386587	46.46	ng		98
83) Bis(2-ethylhexyl)phthalate	21.15	149	265423	46.22	ng		99
84) Di-n-octyl phthalate	22.02	149	445218	46.24	ng		100
85) Indeno(1,2,3-cd)pyrene	25.75	276	450927	43.16	ng		98
87) Benzo(b)fluoranthene	22.80	252	422489	44.55	ng		98
88) Benzo(k)fluoranthene	22.84	252	378352	41.69	ng		99
89) Benzo(a)pyrene	23.38	252	390272	44.87	ng		99
90) Dibenzo(a,h)anthracene	25.76	278	385349	42.64	ng		98
91) Benzo(g,h,i)perylene	26.45	276	370390	43.06	ng		98

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

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