Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017124.D
Acq On : 14 May 2015 1:34
Operator : TP/IZ
Sample : G2194-19MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0MSD

Manual Integrations APPROVED
apatel
5/14/2015 3:03:00 PM

Quant Time: May 14 04:30:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 03:58:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	49880	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	220324	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	145731	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	326778	20.00	ng		0.00
75) Chrysene-d12	21.30	240	318578	20.00	ng		0.00
86) Perylene-d12	23.56	264	307021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	481575	171.30	ng		0.00
7) Phenol-d6	6.91	99	666474	168.93	ng		0.00
23) Nitrobenzene-d5	8.87	82	448179	94.97	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	272543	154.71	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	874332	88.04	ng		0.00
78) Terphenyl-d14	19.74	244	1379024	90.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	38676	34.87	ng		94
3) Pyridine	3.57	79	114199	34.03	ng		95
4) n-Nitrosodimethylamine	3.49	42	92398	36.28	ng	#	92
6) Aniline	7.04	93	207586	38.03	ng		96
8) 2-Chlorophenol	7.28	128	146278	43.49	ng		94
9) Benzaldehyde	6.85	77	72536	25.63	ng		97
10) Phenol	6.94	94	203282	48.58	ng		97
11) bis(2-Chloroethyl)ether	7.14	93	141557	45.12	ng		97
12) 1,3-Dichlorobenzene	7.59	146	140414	37.38	ng		97
13) 1,4-Dichlorobenzene	7.75	146	143712	37.90	ng		95
14) 1,2-Dichlorobenzene	8.06	146	139089	38.41	ng		98
15) Benzyl Alcohol	7.95	79	165532	43.18	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.25	45	238569	46.90	ng		99
17) 2-Methylphenol	8.18	107	138677	45.71	ng		93
18) Hexachloroethane	8.78	117	60309	38.08	ng	#	87
19) n-Nitroso-di-n-propylamine	8.52	70	139040	40.45	ng		98
20) 3+4-Methylphenols	8.50	107	191784	45.49	ng		95
22) Acetophenone	8.53	105	231192	43.23	ng	#	96
24) Nitrobenzene	8.91	77	193959	42.01	ng		98
25) Isophorone	9.43	82	366173	42.10	ng		98
26) 2-Nitrophenol	9.62	139	88909	43.08	ng		93
27) 2,4-Dimethylphenol	9.70	122	156007	45.92	ng		95
28) bis(2-Chloroethoxy)methane	9.92	93	192189	45.38	ng		96
29) 2,4-Dichlorophenol	10.17	162	153039	47.75	ng		95
30) 1,2,4-Trichlorobenzene	10.37	180	142818	39.28	ng		96
31) Naphthalene	10.55	128	448535	41.60	ng	#	98
32) Benzoic acid	9.82	122	44613	19.38	ng	#	73
33) 4-Chloroaniline	10.67	127	183568	36.00	ng		95
34) Hexachlorobutadiene	10.84	225	83308	36.19	ng		94
35) Caprolactam	11.44	113	72710m	45.13	ng		
36) 4-Chloro-3-methylphenol	11.82	107	192271	47.48	ng		98
37) 2-Methylnaphthalene	12.17	142	349644	40.89	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	163464	39.65	ng		99
40) Hexachlorocyclopentadiene	12.52	237	184759	73.46	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	125198	42.81	ng		97
43) 2,4,5-Trichlorophenol	12.88	196	136230	45.21	ng		94
45) 1,1'-Biphenyl	13.19	154	440382	41.96	ng		99
46) 2-Chloronaphthalene	13.23	162	347327	41.79	ng		99
47) 2-Nitroaniline	13.45	65	145676	45.05	ng		93
48) Acenaphthylene	14.09	152	594111	41.74	ng		99
49) Dimethylphthalate	13.83	163	552895	48.52	ng		99
50) 2,6-Dinitrotoluene	13.95	165	109005	43.17	ng		97
51) Acenaphthene	14.43	154	354274	42.14	ng		100
52) 3-Nitroaniline	14.28	138	105540	37.67	ng		99
53) 2,4-Dinitrophenol	14.49	184	133168	90.83	ng		99
54) Dibenzofuran	14.76	168	531507	42.52	ng		99
55) 4-Nitrophenol	14.63	139	212314	94.12	ng		92
56) 2,4-Dinitrotoluene	14.74	165	155731	44.22	ng		90
57) Fluorene	15.41	166	460166	41.59	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.00	232	123220	44.55	ng		99
59) Diethylphthalate	15.20	149	515414	42.11	ng		100
60) 4-Chlorophenyl-phenylether	15.41	204	230780	40.61	ng		97
61) 4-Nitroaniline	15.45	138	135286	43.28	ng		91
62) Azobenzene	15.70	77	528520	45.20	ng		95
64) 4,6-Dinitro-2-methylphenol	15.50	198	94499	42.19	ng		97
65) n-Nitrosodiphenylamine	15.63	169	403972	40.27	ng		96
66) 4-Bromophenyl-phenylether	16.31	248	147758	41.46	ng		96
67) Hexachlorobenzene	16.42	284	152360	40.51	ng		96
68) Atrazine	16.58	200	164470	44.82	ng		99
69) Pentachlorophenol	16.77	266	196748	83.80	ng		92
70) Phenanthrene	17.15	178	699870	41.53	ng		100
71) Anthracene	17.25	178	713555	41.78	ng		97
72) Carbazole	17.52	167	697375	44.44	ng		98
73) Di-n-butylphthalate	18.08	149	882247	42.02	ng		98
74) Fluoranthene	19.17	202	814121	40.23	ng		96
76) Benzidine	19.36	184	515687	49.58	ng		96
77) Pyrene	19.54	202	838440	42.90	ng		99
79) Butylbenzylphthalate	20.44	149	381749	42.96	ng		99
80) Benzo(a)anthracene	21.28	228	749626	41.06	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	255023	36.10	ng		98
82) Chrysene	21.33	228	709454	41.72	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	547881	43.38	ng		99
84) Di-n-octyl phthalate	22.09	149	900887	42.84	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	834684	41.02	ng		97
87) Benzo(b)fluoranthene	22.88	252	763321	42.65	ng	#	97
88) Benzo(k)fluoranthene	22.92	252	718822	42.30	ng		99
89) Benzo(a)pyrene	23.46	252	717425	43.65	ng	#	96
90) Dibenzo(a,h)anthracene	25.90	278	706833	41.89	ng	#	97
91) Benzo(g,h,i)perylene	26.59	276	672480	42.34	ng	#	95

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

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