Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032701.D
Acq On : 15 Feb 2018 5:16
Operator : SJ/JU
Sample : J1530-41MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-01MSD

Manual Integrations APPROVED
Sohil
2/15/2018 11:08:01 AM

Quant Time: Feb 15 06:40:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	22476	20.00	ng		-0.02
21) Naphthalene-d8	11.53	136	109157	20.00	ng		-0.02
38) Acenaphthene-d10	15.30	164	92193	20.00	ng		-0.01
63) Phenanthrene-d10	18.04	188	226428	20.00	ng		-0.01
75) Chrysene-d12	22.36	240	301479	20.00	ng		-0.02
86) Perylene-d12	25.99	264	337803	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	157344	140.46	ng		-0.02
7) Phenol-d6	7.78	99	182502	119.14	ng		-0.01
23) Nitrobenzene-d5	9.86	82	140025	81.53	ng		-0.02
41) 2,4,6-Tribromophenol	16.78	330	240300	169.28	ng		-0.01
44) 2-Fluorobiphenyl	13.92	172	628651	85.27	ng		-0.01
78) Terphenyl-d14	20.58	244	1307166	98.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	14554	31.057	ng	#	70
3) Pyridine	4.23	79	31842	26.490	ng		88
4) n-Nitrosodimethylamine	4.12	42	23803	42.143	ng	#	65
6) Aniline	7.95	93	18519	10.229	ng	#	94
8) 2-Chlorophenol	8.21	128	74069	57.499	ng	#	82
9) Benzaldehyde	7.76	77	9713	10.729	ng	#	77
10) Phenol	7.81	94	62965	42.264	ng		87
11) bis(2-Chloroethyl)ether	8.05	93	53373	44.688	ng	#	78
12) 1,3-Dichlorobenzene	8.54	146	75112	41.342	ng		95
13) 1,4-Dichlorobenzene	8.69	146	79281	44.169	ng		92
14) 1,2-Dichlorobenzene	9.02	146	86670	47.874	ng		95
15) Benzyl Alcohol	8.89	79	61533	53.594	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.18	45	51914	40.387	ng		72
17) 2-Methylphenol	9.10	107	55704	52.797	ng	#	93
18) Hexachloroethane	9.77	117	26256	40.061	ng	#	70
19) n-Nitroso-di-n-propylamine	9.46	70	44655	43.363	ng	#	89
20) 3+4-Methylphenols	9.44	107	68972	43.253	ng		96
22) Acetophenone	9.50	105	97843	42.146	ng	#	90
24) Nitrobenzene	9.90	77	67928	37.774	ng		91
25) Isophorone	10.42	82	145732	44.504	ng	#	83
26) 2-Nitrophenol	10.62	139	48127	50.038	ng	#	81
27) 2,4-Dimethylphenol	10.66	122	78495	62.119	ng		96
28) bis(2-Chloroethoxy)methane	10.90	93	73535	43.928	ng		92
29) 2,4-Dichlorophenol	11.17	162	99467	53.781	ng		90
30) 1,2,4-Trichlorobenzene	11.39	180	101633	39.198	ng		94
31) Naphthalene	11.59	128	315878	59.596	ng		99
32) Benzoic acid	10.79	122	38113	38.585	ng	#	74
33) 4-Chloroaniline	11.69	127	12550m	5.967	ng		
34) Hexachlorobutadiene	11.85	225	75844	35.692	ng		97
35) Caprolactam	12.44	113	20594	39.211	ng	#	46
36) 4-Chloro-3-methylphenol	12.77	107	93340	56.108	ng		87
37) 2-Methylnaphthalene	13.15	142	225427	52.434	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.51	216	171510	39.388	ng		97
40) Hexachlorocyclopentadiene	13.48	237	195658	71.003	ng		94

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Quant Time: Feb 15 06:40:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	104701	48.176	ng		94
43) 2,4,5-Trichlorophenol	13.82	196	104897	38.730	ng	#	93
45) 1,1'-Biphenyl	14.14	154	337517	44.493	ng		94
46) 2-Chloronaphthalene	14.19	162	247907	41.299	ng		99
47) 2-Nitroaniline	14.38	65	42473	32.528	ng	#	68
48) Acenaphthylene	15.03	152	399643	45.253	ng		98
49) Dimethylphthalate	14.73	163	320167	40.176	ng	#	97
50) 2,6-Dinitrotoluene	14.86	165	79092	48.191	ng	#	81
51) Acenaphthene	15.36	154	298895	49.559	ng		98
52) 3-Nitroaniline	15.20	138	18267	12.604	ng	#	80
53) 2,4-Dinitrophenol	15.40	184	66769	76.068	ng	#	57
54) Dibenzofuran	15.69	168	435013	48.480	ng		99
55) 4-Nitrophenol	15.49	139	93490	86.496	ng	#	77
56) 2,4-Dinitrotoluene	15.65	165	118064	52.209	ng	#	70
57) Fluorene	16.34	166	355115	48.123	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.91	232	129013	50.595	ng	#	87
59) Diethylphthalate	16.07	149	317826	40.988	ng		97
60) 4-Chlorophenyl-phenylether	16.32	204	236182	48.476	ng		94
61) 4-Nitroaniline	16.36	138	52526	35.152	ng	#	77
62) Azobenzene	16.60	77	214054	42.967	ng		85
64) 4,6-Dinitro-2-methylphenol	16.40	198	55306	35.089	ng	#	69
65) n-Nitrosodiphenylamine	16.53	169	312756	47.097	ng		99
66) 4-Bromophenyl-phenylether	17.21	248	122403	37.773	ng		95
67) Hexachlorobenzene	17.34	284	141097	40.540	ng	#	89
68) Atrazine	17.46	200	114777	40.297	ng		97
69) Pentachlorophenol	17.68	266	181385	85.128	ng		99
70) Phenanthrene	18.08	178	619292	50.915	ng		100
71) Anthracene	18.17	178	642463	51.622	ng		99
72) Carbazole	18.43	167	547701	51.615	ng		98
73) Di-n-butylphthalate	18.94	149	642563	53.781	ng		98
74) Fluoranthene	20.05	202	884067	54.444	ng		94
76) Benzidine	20.21	184	50422	7.103	ng		97
77) Pyrene	20.40	202	842831	46.992	ng		99
79) Butylbenzylphthalate	21.26	149	275657	46.655	ng	#	76
80) Benzo(a)anthracene	22.33	228	903310	47.855	ng		99
81) 3,3'-Dichlorobenzidine	22.23	252	119718	16.983	ng	#	98
82) Chrysene	22.41	228	835299	44.878	ng		97
83) Bis(2-ethylhexyl)phthalate	22.18	149	415514	48.768	ng	#	97
84) Di-n-octyl phthalate	23.53	149	696810	52.127	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1292399	58.615	ng	#	85
87) Benzo(b)fluoranthene	24.83	252	923446	45.871	ng	#	95
88) Benzo(k)fluoranthene	24.91	252	927184	44.502	ng	#	97
89) Benzo(a)pyrene	25.83	252	965219	49.216	ng	#	96
90) Dibenzo(a,h)anthracene	30.29	278	1075029	55.060	ng	#	94
91) Benzo(g,h,i)perylene	31.54	276	1059845	56.153	ng	#	92

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

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