Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032930.D
Acq On : 1 Mar 2018 23:16
Operator : SJ/JU
Sample : PB106984BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106984BS

Manual Integrations APPROVED
Sohil
3/2/2018 3:29:04 PM

Quant Time: Mar 02 10:37:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	54800	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	241237	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	143736	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	319571	20.00	ng		0.00
75) Chrysene-d12	22.62	240	291753	20.00	ng		0.00
86) Perylene-d12	26.43	264	308428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	463935	135.44	ng		0.00
7) Phenol-d6	8.02	99	624882	130.88	ng		0.00
23) Nitrobenzene-d5	10.12	82	301988	86.65	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	197550	130.71	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	680006	68.23	ng		0.00
78) Terphenyl-d14	20.78	244	1022951	78.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	63458	42.688	ng		93
3) Pyridine	4.42	79	171543	41.867	ng		99
4) n-Nitrosodimethylamine	4.33	42	82935	50.487	ng	#	88
6) Aniline	8.21	93	158751	24.564	ng		98
8) 2-Chlorophenol	8.46	128	172947	46.129	ng		94
9) Benzaldehyde	8.02	77	68957	25.060	ng		94
10) Phenol	8.05	94	223051	46.345	ng		91
11) bis(2-Chloroethyl)ether	8.30	93	157922	40.128	ng		94
12) 1,3-Dichlorobenzene	8.80	146	174421	39.720	ng		97
13) 1,4-Dichlorobenzene	8.96	146	176731	39.982	ng		98
14) 1,2-Dichlorobenzene	9.29	146	166833	39.387	ng		95
15) Benzyl Alcohol	9.15	79	147400	41.995	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.44	45	276541	40.875	ng		99
17) 2-Methylphenol	9.34	107	147854	41.661	ng		93
18) Hexachloroethane	10.05	117	63690	42.319	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	127983	37.970	ng	#	94
20) 3+4-Methylphenols	9.68	107	206154	41.777	ng		94
22) Acetophenone	9.76	105	241291	39.605	ng	#	97
24) Nitrobenzene	10.16	77	177254	46.330	ng		90
25) Isophorone	10.68	82	352646	41.648	ng	#	94
26) 2-Nitrophenol	10.89	139	87733	59.459	ng		95
27) 2,4-Dimethylphenol	10.92	122	187465	50.965	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	217692	44.133	ng	#	95
29) 2,4-Dichlorophenol	11.43	162	161229	48.295	ng		96
30) 1,2,4-Trichlorobenzene	11.66	180	153284	39.170	ng		97
31) Naphthalene	11.86	128	515196	40.871	ng		99
32) Benzoic acid	11.02	122	13452	12.585	ng	#	80
33) 4-Chloroaniline	11.95	127	153314	27.201	ng		94
34) Hexachlorobutadiene	12.12	225	82530	37.598	ng		98
35) Caprolactam	12.68	113	62499	46.755	ng		88
36) 4-Chloro-3-methylphenol	13.00	107	193011	49.682	ng		94
37) 2-Methylnaphthalene	13.40	142	380574	41.730	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	158289	37.097	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	190408	87.562	ng		92

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	123335	45.835	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	138240	44.389	ng	#	96
45) 1,1'-Biphenyl	14.37	154	481927	38.369	ng		95
46) 2-Chloronaphthalene	14.43	162	366426	39.054	ng		97
47) 2-Nitroaniline	14.61	65	125121	51.879	ng		92
48) Acenaphthylene	15.27	152	599162	39.005	ng		99
49) Dimethylphthalate	14.96	163	486168	39.835	ng		99
50) 2,6-Dinitrotoluene	15.09	165	107453	52.231	ng		88
51) Acenaphthene	15.60	154	364450	38.096	ng		97
52) 3-Nitroaniline	15.42	138	93706	39.147	ng	#	84
53) 2,4-Dinitrophenol	15.61	184	4218	12.345	ng	#	1
54) Dibenzofuran	15.92	168	568451	41.731	ng		95
55) 4-Nitrophenol	15.69	139	139045	70.495	ng	#	83
56) 2,4-Dinitrotoluene	15.86	165	145149	58.076	ng		85
57) Fluorene	16.57	166	458958	40.822	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	113228m	46.828	ng		
59) Diethylphthalate	16.30	149	522251	40.571	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	225158	40.938	ng		93
61) 4-Nitroaniline	16.56	138	116537	44.537	ng		82
62) Azobenzene	16.83	77	476235	41.354	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	10553	17.650	ng		97
65) n-Nitrosodiphenylamine	16.75	169	421587	40.552	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	134805	39.893	ng	#	89
67) Hexachlorobenzene	17.56	284	138262	37.863	ng	#	90
68) Atrazine	17.67	200	142570	41.663	ng		98
69) Pentachlorophenol	17.90	266	94641	41.146	ng		99
70) Phenanthrene	18.30	178	729539	40.919	ng		99
71) Anthracene	18.40	178	743641	41.546	ng		99
72) Carbazole	18.65	167	686316	38.901	ng		98
73) Di-n-butylphthalate	19.15	149	854373	39.474	ng		99
74) Fluoranthene	20.25	202	794646	40.349	ng		95
76) Benzidine	20.41	184	311153	31.288	ng		98
77) Pyrene	20.61	202	799025	38.836	ng		98
79) Butylbenzylphthalate	21.48	149	398417	43.676	ng		90
80) Benzo(a)anthracene	22.60	228	758371	40.536	ng		99
81) 3,3'-Dichlorobenzidine	22.49	252	194780	28.111	ng	#	97
82) Chrysene	22.67	228	718599	40.209	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	566247	41.935	ng		96
84) Di-n-octyl phthalate	23.85	149	972703	47.261	ng		99
85) Indeno(1,2,3-cd)pyrene	30.86	276	807779	38.757	ng		97
87) Benzo(b)fluoranthene	25.21	252	750956	41.179	ng	#	96
88) Benzo(k)fluoranthene	25.29	252	748459	41.297	ng	#	96
89) Benzo(a)pyrene	26.25	252	739822	42.653	ng	#	96
90) Dibenzo(a,h)anthracene	30.95	278	670545	38.406	ng	#	94
91) Benzo(g,h,i)perylene	32.26	276	686134	39.867	ng	#	92

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

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