Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032559.D
Acq On : 6 Feb 2018 6:55
Operator : SJ/JU
Sample : PB106290BS
Misc : MDL8PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Manual Integrations APPROVED
Sohil
2/6/2018 2:35:11 PM

Quant Time: Feb 06 11:29:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	17068	20.00	ng		-0.02
21) Naphthalene-d8	11.59	136	67619	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	48422	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	129192	20.00	ng		0.00
75) Chrysene-d12	22.41	240	216604	20.00	ng		0.00
86) Perylene-d12	26.08	264	277781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	128634	151.38	ng		0.00
7) Phenol-d6	7.83	99	132493	116.84	ng		0.00
23) Nitrobenzene-d5	9.91	82	77697	71.77	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	126394	137.13	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	290976	71.42	ng		-0.01
78) Terphenyl-d14	20.62	244	662143	65.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	10582	37.012	ng	#	74
3) Pyridine	4.25	79	28662	37.127	ng	#	75
4) n-Nitrosodimethylamine	4.16	42	16657	41.449	ng	#	65
6) Aniline	8.01	93	17259	12.207	ng	#	87
8) 2-Chlorophenol	8.25	128	43049	42.857	ng	#	81
9) Benzaldehyde	7.81	77	10226	17.460	ng		97
10) Phenol	7.86	94	43277	40.189	ng		92
11) bis(2-Chloroethyl)ether	8.09	93	28569	34.819	ng	#	78
12) 1,3-Dichlorobenzene	8.59	146	47367	34.869	ng		94
13) 1,4-Dichlorobenzene	8.74	146	48963	35.962	ng		94
14) 1,2-Dichlorobenzene	9.07	146	48844	36.621	ng		99
15) Benzyl Alcohol	8.95	79	29646	31.722	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.23	45	28052	36.080	ng		66
17) 2-Methylphenol	9.15	107	31005	35.451	ng		95
18) Hexachloroethane	9.82	117	16459	36.006	ng		88
19) n-Nitroso-di-n-propylamine	9.52	70	23725	31.555	ng	#	80
20) 3+4-Methylphenols	9.48	107	41483	33.814	ng		95
22) Acetophenone	9.55	105	54530	34.402	ng	#	87
24) Nitrobenzene	9.95	77	38321	36.606	ng		92
25) Isophorone	10.47	82	69824	37.879	ng	#	85
26) 2-Nitrophenol	10.68	139	25430	40.186	ng	#	78
27) 2,4-Dimethylphenol	10.71	122	37453	41.235	ng		92
28) bis(2-Chloroethoxy)methane	10.95	93	39836	39.409	ng	#	96
29) 2,4-Dichlorophenol	11.22	162	47103	39.147	ng		92
30) 1,2,4-Trichlorobenzene	11.44	180	53650	33.454	ng		99
31) Naphthalene	11.64	128	127036	38.466	ng		98
32) Benzoic acid	10.79	122	11153m	21.246	ng		
33) 4-Chloroaniline	11.74	127	20105	13.649	ng		94
34) Hexachlorobutadiene	11.90	225	41708	33.428	ng		92
35) Caprolactam	12.47	113	13766	39.854	ng	#	39
36) 4-Chloro-3-methylphenol	12.82	107	44348	38.857	ng	#	80
37) 2-Methylnaphthalene	13.20	142	102261	36.857	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	74017	32.674	ng		96
40) Hexachlorocyclopentadiene	13.53	237	97306	68.748	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	45363	36.815 ng		92
43) 2,4,5-Trichlorophenol	13.87	196	51192	35.639 ng	#	87
45) 1,1'-Biphenyl	14.18	154	142760	34.897 ng		92
46) 2-Chloronaphthalene	14.24	162	114535	35.721 ng		94
47) 2-Nitroaniline	14.43	65	25600	36.104 ng	#	69
48) Acenaphthylene	15.07	152	177032	36.522 ng		99
49) Dimethylphthalate	14.77	163	156182	34.981 ng		99
50) 2,6-Dinitrotoluene	14.91	165	35181	37.543 ng	#	71
51) Acenaphthene	15.41	154	112046	33.330 ng		96
52) 3-Nitroaniline	15.24	138	16609	20.292 ng	#	82
53) 2,4-Dinitrophenol	15.44	184	5116	12.402 ng	#	79
54) Dibenzofuran	15.73	168	184899	37.160 ng		99
55) 4-Nitrophenol	15.53	139	47730	77.891 ng	#	80
56) 2,4-Dinitrotoluene	15.68	165	52095	39.045 ng	#	68
57) Fluorene	16.38	166	151316	36.597 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	55221	38.978 ng	#	90
59) Diethylphthalate	16.12	149	160574	36.927 ng		99
60) 4-Chlorophenyl-phenylether	16.36	204	91522	35.103 ng		96
61) 4-Nitroaniline	16.40	138	29804	33.973 ng		84
62) Azobenzene	16.65	77	96880	37.281 ng		84
64) 4,6-Dinitro-2-methylphenol	16.45	198	9211	9.544 ng	#	65
65) n-Nitrosodiphenylamine	16.57	169	143093	37.114 ng		96
66) 4-Bromophenyl-phenylether	17.25	248	70902	37.045 ng		98
67) Hexachlorobenzene	17.38	284	80292	37.908 ng	#	89
68) Atrazine	17.50	200	65756	39.729 ng		97
69) Pentachlorophenol	17.72	266	49559	37.351 ng		97
70) Phenanthrene	18.12	178	271480	37.681 ng		97
71) Anthracene	18.21	178	279899	39.017 ng		98
72) Carbazole	18.47	167	250280	39.486 ng		99
73) Di-n-butylphthalate	18.98	149	288218	41.070 ng		99
74) Fluoranthene	20.08	202	366238	38.762 ng		95
76) Benzidine	20.25	184	97576	22.942 ng		97
77) Pyrene	20.44	202	375314	28.250 ng		98
79) Butylbenzylphthalate	21.30	149	134598	32.120 ng	#	75
80) Benzo(a)anthracene	22.39	228	510313	38.003 ng		98
81) 3,3'-Dichlorobenzidine	22.27	252	88344	16.980 ng		93
82) Chrysene	22.46	228	458667	35.369 ng		97
83) Bis(2-ethylhexyl)phthalate	22.22	149	228582	38.471 ng	#	99
84) Di-n-octyl phthalate	23.59	149	424189	45.011 ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.33	276	746025	45.475 ng	#	85
87) Benzo(b)fluoranthene	24.90	252	576554	34.351 ng	#	96
88) Benzo(k)fluoranthene	24.98	252	596684	35.887 ng	#	96
89) Benzo(a)pyrene	25.90	252	625388	39.084 ng	#	94
90) Dibenzo(a,h)anthracene	30.41	278	623942	38.118 ng	#	93
91) Benzo(g,h,i)perylene	31.67	276	641017	39.453 ng	#	91

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

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