Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110117\
Data File : BG030629.D
Acq On : 1 Nov 2017 11:10
Operator : SJ/JU
Sample : PB103849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103849BS

Manual Integrations APPROVED
Sohil
11/2/2017 4:32:29 PM

Quant Time: Nov 01 17:47:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70960	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	338632	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	224953	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	519881	20.00	ng		0.00
75) Chrysene-d12	21.79	240	559095	20.00	ng		0.00
86) Perylene-d12	25.10	264	577367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	573773	135.08	ng		0.00
7) Phenol-d6	7.32	99	769716	129.10	ng		0.00
23) Nitrobenzene-d5	9.33	82	436858	81.98	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	383131	131.92	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1255053	81.83	ng		0.00
78) Terphenyl-d14	20.10	244	1880909	76.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	58421	33.898	ng	#	84
3) Pyridine	3.98	79	160192	31.918	ng		86
4) n-Nitrosodimethylamine	3.89	42	77443	33.010	ng	#	91
6) Aniline	7.48	93	134648	18.237	ng		94
8) 2-Chlorophenol	7.72	128	192124	39.460	ng		92
9) Benzaldehyde	7.29	77	77047	25.692	ng		88
10) Phenol	7.35	94	257289	40.027	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	173112	36.964	ng		92
12) 1,3-Dichlorobenzene	8.05	146	196735	35.991	ng		95
13) 1,4-Dichlorobenzene	8.19	146	199741	35.790	ng		94
14) 1,2-Dichlorobenzene	8.52	146	193458	35.939	ng		97
15) Benzyl Alcohol	8.39	79	171421	40.798	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.69	45	274838	34.556	ng		94
17) 2-Methylphenol	8.60	107	178950	41.908	ng		98
18) Hexachloroethane	9.25	117	68159	35.837	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	145644	35.926	ng	#	96
20) 3+4-Methylphenols	8.93	107	249291	41.434	ng		93
22) Acetophenone	8.98	105	277445	33.997	ng	#	93
24) Nitrobenzene	9.37	77	208007	34.717	ng		90
25) Isophorone	9.89	82	411296	36.972	ng	#	93
26) 2-Nitrophenol	10.08	139	111638	38.985	ng		87
27) 2,4-Dimethylphenol	10.13	122	204107	39.395	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	261560	38.344	ng		96
29) 2,4-Dichlorophenol	10.62	162	223466	40.447	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	228247	38.239	ng		97
31) Naphthalene	11.03	128	612864	36.314	ng		99
32) Benzoic acid	10.26	122	111925	25.800	ng	#	84
33) 4-Chloroaniline	11.13	127	88470	12.462	ng		95
34) Hexachlorobutadiene	11.31	225	137960	37.174	ng		95
35) Caprolactam	11.90	113	77095m	41.986	ng		
36) 4-Chloro-3-methylphenol	12.24	107	230509	37.934	ng	#	85
37) 2-Methylnaphthalene	12.62	142	487235	39.612	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	273488	33.299	ng		99
40) Hexachlorocyclopentadiene	12.96	237	316823	100.559	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	198231	38.448	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	209338	39.536	ng		94
45) 1,1'-Biphenyl	13.61	154	658173	34.040	ng		97
46) 2-Chloronaphthalene	13.66	162	519967	36.868	ng		97
47) 2-Nitroaniline	13.86	65	148357	38.297	ng	#	83
48) Acenaphthylene	14.50	152	814995	36.923	ng		99
49) Dimethylphthalate	14.22	163	668748	38.102	ng		99
50) 2,6-Dinitrotoluene	14.35	165	153253	41.653	ng	#	74
51) Acenaphthene	14.84	154	498097	34.683	ng		98
52) 3-Nitroaniline	14.67	138	83868	21.124	ng	#	78
53) 2,4-Dinitrophenol	14.89	184	139598	69.820	ng	#	49
54) Dibenzofuran	15.17	168	817166	39.858	ng		99
55) 4-Nitrophenol	14.99	139	242477	74.080	ng	#	78
56) 2,4-Dinitrotoluene	15.13	165	210187	42.200	ng	#	76
57) Fluorene	15.82	166	636646	37.590	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	201280	45.564	ng	#	92
59) Diethylphthalate	15.57	149	669314	38.265	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	363910	40.300	ng		93
61) 4-Nitroaniline	15.84	138	158496	38.878	ng		86
62) Azobenzene	16.10	77	582590	39.497	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	107677	37.628	ng		81
65) n-Nitrosodiphenylamine	16.02	169	587047	37.695	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	236154	39.586	ng		98
67) Hexachlorobenzene	16.82	284	253915	37.576	ng		95
68) Atrazine	16.96	200	227164	40.880	ng		99
69) Pentachlorophenol	17.17	266	283802	73.112	ng		99
70) Phenanthrene	17.56	178	1017607	37.889	ng		98
71) Anthracene	17.65	178	1043355	38.688	ng		99
72) Carbazole	17.91	167	953659	36.812	ng		98
73) Di-n-butylphthalate	18.45	149	1119786	37.583	ng		100
74) Fluoranthene	19.56	202	1246635	39.685	ng		98
76) Benzidine	19.73	184	317742	18.822	ng		100
77) Pyrene	19.92	202	1280171	37.746	ng		96
79) Butylbenzylphthalate	20.78	149	541353	37.465	ng		86
80) Benzo(a)anthracene	21.77	228	1312242	39.976	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	275557	20.338	ng		98
82) Chrysene	21.84	228	1241825	39.503	ng		96
83) Bis(2-ethylhexyl)phthalate	21.65	149	765576	36.918	ng		99
84) Di-n-octyl phthalate	22.89	149	1314864	36.381	ng		95
85) Indeno(1,2,3-cd)pyrene	28.89	276	1587425	41.045	ng	#	89
87) Benzo(b)fluoranthene	24.05	252	1344924	40.688	ng		99
88) Benzo(k)fluoranthene	24.12	252	1301147	39.511	ng		99
89) Benzo(a)pyrene	24.94	252	1292076	40.661	ng		99
90) Dibenzo(a,h)anthracene	28.95	278	1339365	41.632	ng		96
91) Benzo(g,h,i)perylene	30.09	276	1318982	44.126	ng		98

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

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