Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032360.D
Acq On : 27 Jan 2018 17:24
Operator : SJ/JU
Sample : PB106052BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106052BS

Quant Time: Jan 27 23:21:11 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	41304	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	162179	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	109250	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	278202	20.00	ng		0.00
75) Chrysene-d12	22.42	240	347428	20.00	ng		0.00
86) Perylene-d12	26.10	264	375750	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	270557	119.80	ng		0.00
7) Phenol-d6	7.84	99	329504	115.85	ng		0.00
23) Nitrobenzene-d5	9.92	82	204629	85.36	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	234790	129.87	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	710137	80.60	ng		0.00
78) Terphenyl-d14	20.63	244	1316864	83.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	24819	28.606	ng	#	77
3) Pyridine	4.27	79	71259	30.770	ng	#	81
4) n-Nitrosodimethylamine	4.18	42	43235	53.139	ng	#	77
6) Aniline	8.02	93	55932	15.590	ng		95
8) 2-Chlorophenol	8.27	128	106615	42.189	ng		83
9) Benzaldehyde	7.82	77	43626	26.473	ng		90
10) Phenol	7.87	94	113662	40.567	ng		89
11) bis(2-Chloroethyl)ether	8.11	93	79314	35.334	ng	#	81
12) 1,3-Dichlorobenzene	8.61	146	126919	38.374	ng		95
13) 1,4-Dichlorobenzene	8.76	146	126462	37.975	ng		94
14) 1,2-Dichlorobenzene	9.09	146	120216	37.323	ng		96
15) Benzyl Alcohol	8.96	79	91340	44.206	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.26	45	73801	32.352	ng		78
17) 2-Methylphenol	9.16	107	82267	38.420	ng	#	92
18) Hexachloroethane	9.85	117	42284	41.315	ng	#	80
19) n-Nitroso-di-n-propylamine	9.53	70	66504	37.685	ng	#	88
20) 3+4-Methylphenols	9.49	107	113728	38.340	ng		94
22) Acetophenone	9.56	105	146427	39.748	ng	#	92
24) Nitrobenzene	9.96	77	103398	43.242	ng	#	87
25) Isophorone	10.49	82	180116	40.352	ng	#	84
26) 2-Nitrophenol	10.69	139	62929	44.416	ng	#	84
27) 2,4-Dimethylphenol	10.73	122	102916	45.774	ng		96
28) bis(2-Chloroethoxy)methane	10.97	93	107499	39.973	ng	#	96
29) 2,4-Dichlorophenol	11.23	162	127721	46.166	ng		91
30) 1,2,4-Trichlorobenzene	11.46	180	151306	42.348	ng		97
31) Naphthalene	11.66	128	314610	39.160	ng		98
32) Benzoic acid	10.86	122	55110	32.465	ng		95
33) 4-Chloroaniline	11.75	127	43238	12.550	ng		96
34) Hexachlorobutadiene	11.92	225	113921	44.392	ng		98
35) Caprolactam	12.50	113	33858	40.341	ng	#	43
36) 4-Chloro-3-methylphenol	12.83	107	113174	44.693	ng	#	86
37) 2-Methylnaphthalene	13.22	142	259530	40.689	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	207131	43.495	ng		97
40) Hexachlorocyclopentadiene	13.55	237	293629	109.472	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	123226	46.052	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	132124	42.659	ng	#	92
45) 1,1'-Biphenyl	14.19	154	370174	39.524	ng		95
46) 2-Chloronaphthalene	14.25	162	290860	39.921	ng		96
47) 2-Nitroaniline	14.43	65	66075	47.372	ng	#	75
48) Acenaphthylene	15.09	152	426072	38.402	ng		99
49) Dimethylphthalate	14.79	163	384570	40.226	ng		99
50) 2,6-Dinitrotoluene	14.92	165	87100	43.893	ng	#	74
51) Acenaphthene	15.42	154	337578	46.014	ng		98
52) 3-Nitroaniline	15.25	138	34148	19.053	ng	#	81
53) 2,4-Dinitrophenol	15.45	184	111284	109.027	ng	#	55
54) Dibenzofuran	15.75	168	455744	41.642	ng		98
55) 4-Nitrophenol	15.53	139	123326	94.420	ng	#	77
56) 2,4-Dinitrotoluene	15.70	165	123062	46.063	ng	#	68
57) Fluorene	16.40	166	362923	40.433	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	139162	48.570	ng	#	86
59) Diethylphthalate	16.13	149	374381	40.394	ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	237601	43.152	ng		90
61) 4-Nitroaniline	16.40	138	66400	38.621	ng		82
62) Azobenzene	16.67	77	235767	40.642	ng	#	83
64) 4,6-Dinitro-2-methylphenol	16.45	198	78868	44.668	ng	#	73
65) n-Nitrosodiphenylamine	16.58	169	334790	39.658	ng		97
66) 4-Bromophenyl-phenylether	17.27	248	171665	43.368	ng		94
67) Hexachlorobenzene	17.40	284	177723	40.583	ng	#	89
68) Atrazine	17.51	200	156226	44.005	ng		97
69) Pentachlorophenol	17.73	266	226005	80.740	ng		98
70) Phenanthrene	18.13	178	624480	40.317	ng		99
71) Anthracene	18.22	178	636760	41.218	ng		100
72) Carbazole	18.48	167	551541	41.155	ng		98
73) Di-n-butylphthalate	18.99	149	612136	38.655	ng		99
74) Fluoranthene	20.10	202	835045	43.058	ng		93
76) Benzidine	20.26	184	208822	24.036	ng		99
77) Pyrene	20.45	202	833843	38.179	ng		99
79) Butylbenzylphthalate	21.31	149	280716	35.873	ng	#	78
80) Benzo(a)anthracene	22.40	228	901004	41.700	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	155288	19.239	ng	#	96
82) Chrysene	22.47	228	831479	40.071	ng		99
83) Bis(2-ethylhexyl)phthalate	22.24	149	398184	34.700	ng	#	98
84) Di-n-octyl phthalate	23.61	149	680916	37.362	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.36	276	1129921	44.495	ng	#	86
87) Benzo(b)fluoranthene	24.92	252	951115	41.877	ng	#	95
88) Benzo(k)fluoranthene	25.00	252	917591	41.345	ng	#	95
89) Benzo(a)pyrene	25.93	252	926419	43.120	ng	#	96
90) Dibenzo(a,h)anthracene	30.43	278	936145	45.216	ng	#	92
91) Benzo(g,h,i)perylene	31.71	276	932199	44.053	ng	#	91

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

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