Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032348.D
Acq On : 27 Jan 2018 9:52
Operator : SJ/JU
Sample : PB105792BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105792BS

Quant Time: Jan 27 23:15:17 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	8.73	152	38927	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	156145	20.00	ng		0.00
38) Acenaphthene-d10	15.37	164	105979	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	275452	20.00	ng		0.02
75) Chrysene-d12	22.46	240	347602	20.00	ng		0.04
86) Perylene-d12	26.19	264	377138	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	272185	127.88	ng		0.01
7) Phenol-d6	7.85	99	338645	126.33	ng		0.01
23) Nitrobenzene-d5	9.93	82	208212	90.21	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	241210	137.54	ng		0.01
44) 2-Fluorobiphenyl	14.00	172	731212	85.55	ng		0.01
78) Terphenyl-d14	20.65	244	1364914	86.70	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	26150	31.980	ng	#	75
3) Pyridine	4.27	79	71924	32.953	ng	#	83
4) n-Nitrosodimethylamine	4.18	42	43249	56.403	ng	#	72
6) Aniline	8.02	93	29681	8.778	ng	#	87
8) 2-Chlorophenol	8.28	128	106160	44.574	ng		85
9) Benzaldehyde	7.83	77	43461	27.983	ng		86
10) Phenol	7.87	94	114745	43.455	ng		89
11) bis(2-Chloroethyl)ether	8.12	93	77817	36.784	ng	#	83
12) 1,3-Dichlorobenzene	8.62	146	127665	40.956	ng		97
13) 1,4-Dichlorobenzene	8.76	146	128633	40.985	ng		95
14) 1,2-Dichlorobenzene	9.10	146	123025	40.528	ng		96
15) Benzyl Alcohol	8.96	79	93381	47.953	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.26	45	74381	34.597	ng		73
17) 2-Methylphenol	9.17	107	82493	40.878	ng	#	91
18) Hexachloroethane	9.85	117	41240	42.755	ng	#	76
19) n-Nitroso-di-n-propylamine	9.55	70	66079	39.730	ng	#	90
20) 3+4-Methylphenols	9.50	107	115205	41.210	ng		95
22) Acetophenone	9.57	105	147779	41.665	ng	#	91
24) Nitrobenzene	9.97	77	102605	44.569	ng	#	88
25) Isophorone	10.50	82	180694	42.046	ng	#	79
26) 2-Nitrophenol	10.70	139	63392	46.471	ng	#	83
27) 2,4-Dimethylphenol	10.74	122	105586	48.776	ng		93
28) bis(2-Chloroethoxy)methane	10.98	93	108456	41.887	ng	#	93
29) 2,4-Dichlorophenol	11.24	162	132196	49.631	ng		87
30) 1,2,4-Trichlorobenzene	11.47	180	146783	42.670	ng		99
31) Naphthalene	11.67	128	314998	40.723	ng		99
32) Benzoic acid	10.87	122	58297	35.151	ng	#	81
33) 4-Chloroaniline	11.76	127	28269	8.523	ng		91
34) Hexachlorobutadiene	11.93	225	115245	46.644	ng		97
35) Caprolactam	12.52	113	35892	44.417	ng	#	44
36) 4-Chloro-3-methylphenol	12.84	107	118975	48.799	ng	#	89
37) 2-Methylnaphthalene	13.23	142	260422	42.407	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	208736	45.185	ng		95
40) Hexachlorocyclopentadiene	13.56	237	296912	114.112	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	124556	47.986	ng		99
43) 2,4,5-Trichlorophenol	13.89	196	136322	45.373	ng	#	89
45) 1,1'-Biphenyl	14.21	154	373101	41.066	ng		95
46) 2-Chloronaphthalene	14.26	162	288000	40.748	ng		95
47) 2-Nitroaniline	14.45	65	66241	48.957	ng	#	75
48) Acenaphthylene	15.10	152	435685	40.480	ng		99
49) Dimethylphthalate	14.80	163	390010	42.054	ng		99
50) 2,6-Dinitrotoluene	14.93	165	86283	44.823	ng	#	78
51) Acenaphthene	15.43	154	342948	48.188	ng		96
52) 3-Nitroaniline	15.26	138	21507	12.370	ng	#	71
53) 2,4-Dinitrophenol	15.46	184	117763	118.302	ng	#	61
54) Dibenzofuran	15.77	168	459229	43.256	ng		98
55) 4-Nitrophenol	15.55	139	126476	99.820	ng	#	77
56) 2,4-Dinitrotoluene	15.71	165	127303	49.121	ng	#	70
57) Fluorene	16.41	166	367619	42.220	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.98	232	142451	51.253	ng	#	85
59) Diethylphthalate	16.14	149	379093	42.165	ng		97
60) 4-Chlorophenyl-phenylether	16.38	204	239745	44.886	ng		93
61) 4-Nitroaniline	16.42	138	58605	35.140	ng		86
62) Azobenzene	16.68	77	236971	42.111	ng		85
64) 4,6-Dinitro-2-methylphenol	16.47	198	81668	46.492	ng	#	73
65) n-Nitrosodiphenylamine	16.60	169	343879	41.142	ng		98
66) 4-Bromophenyl-phenylether	17.28	248	171532	43.767	ng		95
67) Hexachlorobenzene	17.41	284	181740	41.914	ng	#	89
68) Atrazine	17.53	200	161807	46.032	ng		97
69) Pentachlorophenol	17.75	266	232601	83.926	ng		98
70) Phenanthrene	18.15	178	640597	41.770	ng		99
71) Anthracene	18.24	178	653060	42.695	ng		99
72) Carbazole	18.51	167	562417	42.385	ng		99
73) Di-n-butylphthalate	19.01	149	636392	40.588	ng		99
74) Fluoranthene	20.12	202	856380	44.599	ng		95
76) Benzidine	20.27	184	126949	14.605	ng		98
77) Pyrene	20.48	202	861953	39.446	ng		98
79) Butylbenzylphthalate	21.34	149	288431	36.841	ng	#	76
80) Benzo(a)anthracene	22.44	228	911476	42.164	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	114911	14.230	ng	#	98
82) Chrysene	22.51	228	855867	41.225	ng		97
83) Bis(2-ethylhexyl)phthalate	22.28	149	403718	35.165	ng	#	97
84) Di-n-octyl phthalate	23.67	149	697783	38.268	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.54	276	1159171	45.624	ng	#	86
87) Benzo(b)fluoranthene	25.00	252	976179	42.823	ng	#	95
88) Benzo(k)fluoranthene	25.07	252	946099	42.473	ng	#	94
89) Benzo(a)pyrene	26.02	252	947624	43.944	ng	#	95
90) Dibenzo(a,h)anthracene	30.63	278	964956	46.437	ng	#	94
91) Benzo(g,h,i)perylene	31.91	276	964164	45.396	ng	#	90

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

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