Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031946.D
Acq On : 9 Jan 2018 15:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 10 00:20:05 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	50558	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	220422	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	153335	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	384699	20.00	ng		-0.02
75) Chrysene-d12	22.49	240	424497	20.00	ng		-0.03
86) Perylene-d12	26.21	264	439339	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	214195	77.17	ng		0.00
7) Phenol-d6	7.89	99	293010	81.30	ng		0.00
23) Nitrobenzene-d5	9.99	82	258473	88.55	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	204545	87.42	ng		-0.02
44) 2-Fluorobiphenyl	14.04	172	939624	76.91	ng		0.00
78) Terphenyl-d14	20.68	244	1418100	76.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	37267	36.218	ng	#	71
3) Pyridine	4.32	79	114260	41.543	ng	#	78
4) n-Nitrosodimethylamine	4.23	42	45426	40.929	ng	#	85
6) Aniline	8.08	93	181752	39.198	ng		92
8) 2-Chlorophenol	8.33	128	127009	39.445	ng		84
9) Benzaldehyde	7.89	77	72931	33.608	ng		82
10) Phenol	7.92	94	140492	38.613	ng		95
11) bis(2-Chloroethyl)ether	8.17	93	113388	37.524	ng	#	83
12) 1,3-Dichlorobenzene	8.67	146	154889	38.737	ng	#	92
13) 1,4-Dichlorobenzene	8.83	146	158686	38.850	ng		95
14) 1,2-Dichlorobenzene	9.16	146	150252	38.822	ng		97
15) Benzyl Alcohol	9.02	79	111542	41.229	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.32	45	85958	34.931	ng		78
17) 2-Methylphenol	9.22	107	104382	40.094	ng		97
18) Hexachloroethane	9.91	117	48310	39.051	ng	#	83
19) n-Nitroso-di-n-propylamine	9.60	70	92026	37.390	ng	#	83
20) 3+4-Methylphenols	9.55	107	146867	39.693	ng		94
22) Acetophenone	9.63	105	192783	37.645	ng	#	87
24) Nitrobenzene	10.03	77	128378	42.672	ng	#	86
25) Isophorone	10.55	82	236189	37.587	ng	#	86
26) 2-Nitrophenol	10.75	139	80176	50.829	ng	#	83
27) 2,4-Dimethylphenol	10.79	122	123789	37.294	ng		90
28) bis(2-Chloroethoxy)methane	11.04	93	154720	36.695	ng		94
29) 2,4-Dichlorophenol	11.29	162	153432	39.375	ng		92
30) 1,2,4-Trichlorobenzene	11.52	180	182222	38.299	ng		97
31) Naphthalene	11.72	128	436679	39.255	ng		98
32) Benzoic acid	10.89	122	81978	37.860	ng	#	80
33) 4-Chloroaniline	11.81	127	187516	37.862	ng	#	92
34) Hexachlorobutadiene	11.99	225	131617	40.295	ng		98
35) Caprolactam	12.56	113	49916	42.260	ng	#	45
36) 4-Chloro-3-methylphenol	12.88	107	146227	40.632	ng	#	80
37) 2-Methylnaphthalene	13.28	142	348761	38.674	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	249665	38.656	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	143471	42.109	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	152214	40.876	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	167053	40.481	ng	#	89
45) 1,1'-Biphenyl	14.25	154	497421	37.982	ng		94
46) 2-Chloronaphthalene	14.31	162	383229	38.364	ng		94
47) 2-Nitroaniline	14.50	65	84617	49.047	ng	#	61
48) Acenaphthylene	15.15	152	616199	38.558	ng		99
49) Dimethylphthalate	14.85	163	513482	38.013	ng	#	99
50) 2,6-Dinitrotoluene	14.97	165	113637	45.729	ng	#	66
51) Acenaphthene	15.48	154	408032	38.985	ng		97
52) 3-Nitroaniline	15.30	138	109086	44.994	ng	#	76
53) 2,4-Dinitrophenol	15.50	184	41480	43.176	ng	#	47
54) Dibenzofuran	15.81	168	621010	38.707	ng		98
55) 4-Nitrophenol	15.58	139	83840	42.488	ng	#	71
56) 2,4-Dinitrotoluene	15.75	165	161360	50.498	ng	#	60
57) Fluorene	16.45	166	495974	38.054	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.02	232	167821	41.682	ng	#	83
59) Diethylphthalate	16.19	149	500609	38.023	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	309931	38.864	ng		93
61) 4-Nitroaniline	16.46	138	112691	47.632	ng	#	81
62) Azobenzene	16.72	77	321252	38.047	ng		84
64) 4,6-Dinitro-2-methylphenol	16.51	198	82115	44.590	ng	#	64
65) n-Nitrosodiphenylamine	16.64	169	477437	37.368	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	213926	38.455	ng		93
67) Hexachlorobenzene	17.45	284	225045	39.573	ng	#	91
68) Atrazine	17.56	200	188066	37.855	ng		95
69) Pentachlorophenol	17.78	266	156185	39.930	ng		100
70) Phenanthrene	18.19	178	822529	37.781	ng		100
71) Anthracene	18.28	178	828778	37.738	ng		99
72) Carbazole	18.54	167	743335	38.242	ng		98
73) Di-n-butylphthalate	19.04	149	808770	37.440	ng		100
74) Fluoranthene	20.15	202	1022369	38.272	ng		97
76) Benzidine	20.31	184	574766	43.868	ng		98
77) Pyrene	20.51	202	1017029	37.507	ng		98
79) Butylbenzylphthalate	21.37	149	352784	38.756	ng	#	74
80) Benzo(a)anthracene	22.46	228	1012759	37.506	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	395968	37.821	ng	#	98
82) Chrysene	22.54	228	950963	37.221	ng		97
83) Bis(2-ethylhexyl)phthalate	22.31	149	472266	35.811	ng	#	97
84) Di-n-octyl phthalate	23.70	149	773129	34.810	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1183161	36.097	ng	#	87
87) Benzo(b)fluoranthene	25.02	252	1038189	38.069	ng	#	97
88) Benzo(k)fluoranthene	25.10	252	1002054	36.715	ng	#	97
89) Benzo(a)pyrene	26.04	252	970458	37.156	ng	#	97
90) Dibenzo(a,h)anthracene	30.62	278	982739	36.432	ng	#	97
91) Benzo(g,h,i)perylene	30.53	276	1183161	37.150	ng	#	93

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

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