Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032089.D
Acq On : 17 Jan 2018 3:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 17 06:01:11 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	54992	20.00	ng		0.01
21) Naphthalene-d8	11.67	136	222382	20.00	ng		0.01
38) Acenaphthene-d10	15.41	164	149861	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	378205	20.00	ng		0.00
75) Chrysene-d12	22.48	240	447057	20.00	ng		0.00
86) Perylene-d12	26.20	264	483938	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	233102	77.53	ng		0.02
7) Phenol-d6	7.89	99	300247	79.29	ng		0.02
23) Nitrobenzene-d5	9.99	82	271628	82.64	ng		0.01
41) 2,4,6-Tribromophenol	16.88	330	198850	80.19	ng		0.00
44) 2-Fluorobiphenyl	14.04	172	947536	78.40	ng		0.00
78) Terphenyl-d14	20.67	244	1509046	74.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	42035	36.389	ng	#	76
3) Pyridine	4.33	79	119075	38.618	ng	#	83
4) n-Nitrosodimethylamine	4.23	42	45314	41.832	ng	#	94
6) Aniline	8.08	93	182064	38.117	ng		92
8) 2-Chlorophenol	8.33	128	125973	37.441	ng		86
9) Benzaldehyde	7.89	77	81826	37.294	ng		87
10) Phenol	7.92	94	141003	37.799	ng		99
11) bis(2-Chloroethyl)ether	8.17	93	111119	37.181	ng	#	81
12) 1,3-Dichlorobenzene	8.67	146	166022	37.702	ng		93
13) 1,4-Dichlorobenzene	8.83	146	169914	38.323	ng		94
14) 1,2-Dichlorobenzene	9.16	146	161847	37.741	ng		95
15) Benzyl Alcohol	9.02	79	116200	42.239	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.32	45	114008	37.537	ng		77
17) 2-Methylphenol	9.22	107	106634	37.405	ng		92
18) Hexachloroethane	9.91	117	54916	40.301	ng		87
19) n-Nitroso-di-n-propylamine	9.60	70	92678	39.444	ng	#	87
20) 3+4-Methylphenols	9.56	107	152428	38.596	ng		95
22) Acetophenone	9.63	105	200474	39.687	ng	#	88
24) Nitrobenzene	10.03	77	134422	40.998	ng	#	84
25) Isophorone	10.55	82	240578	39.306	ng	#	86
26) 2-Nitrophenol	10.75	139	77104	39.688	ng	#	85
27) 2,4-Dimethylphenol	10.78	122	118123	38.315	ng		97
28) bis(2-Chloroethoxy)methane	11.03	93	142316	38.593	ng		95
29) 2,4-Dichlorophenol	11.30	162	153881	40.564	ng		86
30) 1,2,4-Trichlorobenzene	11.52	180	197438	40.300	ng		98
31) Naphthalene	11.72	128	428260	38.875	ng		98
32) Benzoic acid	10.91	122	85811	36.154	ng	#	76
33) 4-Chloroaniline	11.81	127	183239	38.789	ng	#	94
34) Hexachlorobutadiene	11.99	225	146532	41.642	ng		95
35) Caprolactam	12.56	113	46105	40.061	ng	#	52
36) 4-Chloro-3-methylphenol	12.88	107	139447	40.160	ng	#	86
37) 2-Methylnaphthalene	13.28	142	335795	38.394	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	267151	40.896	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	154241	41.921	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	149989	40.864	ng		97
43) 2,4,5-Trichlorophenol	13.93	196	177771	41.843	ng	#	91
45) 1,1'-Biphenyl	14.25	154	500554	38.962	ng		95
46) 2-Chloronaphthalene	14.30	162	390206	39.043	ng		96
47) 2-Nitroaniline	14.49	65	83453	43.617	ng	#	74
48) Acenaphthylene	15.14	152	587725	38.617	ng		98
49) Dimethylphthalate	14.84	163	511483	39.003	ng		99
50) 2,6-Dinitrotoluene	14.97	165	111343	40.904	ng	#	73
51) Acenaphthene	15.47	154	390589	38.812	ng		100
52) 3-Nitroaniline	15.30	138	97485	39.652	ng	#	77
53) 2,4-Dinitrophenol	15.50	184	39684	33.497	ng	#	66
54) Dibenzofuran	15.80	168	582395	38.794	ng		99
55) 4-Nitrophenol	15.57	139	70335	39.257	ng	#	81
56) 2,4-Dinitrotoluene	15.74	165	153944	42.007	ng	#	66
57) Fluorene	16.44	166	476600	38.709	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	166913	42.469	ng	#	84
59) Diethylphthalate	16.18	149	496246	39.033	ng		95
60) 4-Chlorophenyl-phenylether	16.42	204	302586	40.062	ng		92
61) 4-Nitroaniline	16.45	138	99388	42.143	ng		92
62) Azobenzene	16.71	77	316036	39.716	ng		87
64) 4,6-Dinitro-2-methylphenol	16.50	198	95142	40.187	ng	#	66
65) n-Nitrosodiphenylamine	16.63	169	441866	38.502	ng		98
66) 4-Bromophenyl-phenylether	17.31	248	211377	39.281	ng		95
67) Hexachlorobenzene	17.44	284	225413	37.863	ng	#	91
68) Atrazine	17.56	200	193118	40.013	ng		96
69) Pentachlorophenol	17.78	266	154215	40.526	ng		97
70) Phenanthrene	18.18	178	802664	38.119	ng		99
71) Anthracene	18.27	178	801840	38.179	ng		98
72) Carbazole	18.53	167	707804	38.850	ng		99
73) Di-n-butylphthalate	19.03	149	818683	38.028	ng		99
74) Fluoranthene	20.14	202	1040128	39.452	ng		94
76) Benzidine	20.30	184	402433	35.998	ng		98
77) Pyrene	20.50	202	1059128	37.686	ng		99
79) Butylbenzylphthalate	21.36	149	379285	37.668	ng	#	76
80) Benzo(a)anthracene	22.45	228	1087931	39.130	ng		100
81) 3,3'-Dichlorobenzidine	22.35	252	419926	40.432	ng	#	98
82) Chrysene	22.53	228	1041829	39.019	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	542062	36.711	ng	#	98
84) Di-n-octyl phthalate	23.69	149	862117	36.762	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.51	276	1261954	38.620	ng	#	85
87) Benzo(b)fluoranthene	25.00	252	1149382	39.293	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	1104771	38.651	ng	#	96
89) Benzo(a)pyrene	26.02	252	1081952	39.101	ng	#	96
90) Dibenzo(a,h)anthracene	30.59	278	1033560	38.761	ng	#	96
91) Benzo(g,h,i)perylene	31.88	276	1059509	38.876	ng	#	92

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

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