Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028650.D
Acq On : 11 Sep 2017 20:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 12 04:42:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	34993	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	152925	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	107868	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	268128	20.00	ng		0.00
75) Chrysene-d12	22.02	240	316037	20.00	ng		-0.01
86) Perylene-d12	25.53	264	305670	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	167232	80.47	ng		0.00
7) Phenol-d6	7.49	99	246467	81.76	ng		0.00
23) Nitrobenzene-d5	9.50	82	260855	78.33	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	139736	85.23	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	661155	80.19	ng		0.00
78) Terphenyl-d14	20.28	244	1204367	82.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	34141	40.160	ng	#	94
3) Pyridine	4.25	79	104748	39.680	ng		95
4) n-Nitrosodimethylamine	4.16	42	47298	37.598	ng		85
6) Aniline	7.66	93	158221	40.995	ng		97
8) 2-Chlorophenol	7.91	128	93828	39.994	ng		93
9) Benzaldehyde	7.48	77	70186	39.455	ng		91
10) Phenol	7.52	94	140299	42.967	ng		87
11) bis(2-Chloroethyl)ether	7.75	93	96456	40.176	ng		96
12) 1,3-Dichlorobenzene	8.23	146	105529	38.412	ng		90
13) 1,4-Dichlorobenzene	8.37	146	110500	40.792	ng		98
14) 1,2-Dichlorobenzene	8.69	146	108133	40.622	ng		95
15) Benzyl Alcohol	8.57	79	98600	41.262	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.85	45	182629	36.895	ng		97
17) 2-Methylphenol	8.77	107	90596	43.262	ng		91
18) Hexachloroethane	9.42	117	41000	38.526	ng	#	88
19) n-Nitroso-di-n-propylamine	9.13	70	97527	40.916	ng		89
20) 3+4-Methylphenols	9.10	107	127204	43.871	ng		92
22) Acetophenone	9.16	105	169563	39.912	ng	#	91
24) Nitrobenzene	9.55	77	138166	39.270	ng	#	92
25) Isophorone	10.06	82	242845	39.600	ng		99
26) 2-Nitrophenol	10.26	139	58319	39.969	ng		95
27) 2,4-Dimethylphenol	10.30	122	102820	39.017	ng		98
28) bis(2-Chloroethoxy)methane	10.53	93	142436	38.921	ng		97
29) 2,4-Dichlorophenol	10.80	162	108563	41.961	ng		96
30) 1,2,4-Trichlorobenzene	11.01	180	124612	39.143	ng		96
31) Naphthalene	11.21	128	329137	39.650	ng		99
32) Benzoic acid	10.46	122	73635	44.349	ng		91
33) 4-Chloroaniline	11.31	127	146165	41.770	ng		94
34) Hexachlorobutadiene	11.47	225	90940	39.534	ng		96
35) Caprolactam	12.09	113	39632	40.469	ng	#	91
36) 4-Chloro-3-methylphenol	12.41	107	141738	43.027	ng		96
37) 2-Methylnaphthalene	12.79	142	250778	40.973	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	166943	39.845	ng	#	97
40) Hexachlorocyclopentadiene	13.12	237	54041	35.191	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	109294	40.836	ng		93
43) 2,4,5-Trichlorophenol	13.47	196	107982	40.374	ng	#	93
45) 1,1'-Biphenyl	13.78	154	358237	39.555	ng		99
46) 2-Chloronaphthalene	13.83	162	274144	39.852	ng		100
47) 2-Nitroaniline	14.03	65	111834	39.874	ng		87
48) Acenaphthylene	14.67	152	424124	40.203	ng		97
49) Dimethylphthalate	14.39	163	354975	39.940	ng		99
50) 2,6-Dinitrotoluene	14.52	165	81510	41.863	ng		88
51) Acenaphthene	15.01	154	260034	40.249	ng		96
52) 3-Nitroaniline	14.86	138	82442	41.922	ng		87
53) 2,4-Dinitrophenol	15.07	184	44768	39.984	ng		93
54) Dibenzofuran	15.34	168	408360	40.892	ng		94
55) 4-Nitrophenol	15.16	139	54007	38.540	ng	#	76
56) 2,4-Dinitrotoluene	15.31	165	118600	42.263	ng	#	84
57) Fluorene	15.99	166	372061	40.758	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	100246	41.968	ng	#	96
59) Diethylphthalate	15.74	149	370816	39.820	ng		98
60) 4-Chlorophenyl-phenylether	15.97	204	210685	40.865	ng		93
61) 4-Nitroaniline	16.02	138	89028	41.817	ng	#	83
62) Azobenzene	16.27	77	325913	39.184	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	76291	40.064	ng		94
65) n-Nitrosodiphenylamine	16.19	169	323587	40.868	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	143629	41.254	ng		97
67) Hexachlorobenzene	17.00	284	160096	41.784	ng	#	89
68) Atrazine	17.13	200	115067	40.288	ng		98
69) Pentachlorophenol	17.35	266	73567	41.254	ng		95
70) Phenanthrene	17.74	178	588158	41.250	ng		94
71) Anthracene	17.83	178	595391	41.061	ng		96
72) Carbazole	18.11	167	524301	40.417	ng		96
73) Di-n-butylphthalate	18.62	149	631494	40.088	ng	#	95
74) Fluoranthene	19.74	202	743804	40.860	ng		93
76) Benzidine	19.91	184	200438	31.218	ng		96
77) Pyrene	20.10	202	765994	40.864	ng		95
79) Butylbenzylphthalate	20.96	149	285090	39.318	ng		94
80) Benzo(a)anthracene	22.01	228	761799	40.259	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	294786	40.546	ng	#	98
82) Chrysene	22.08	228	724066	40.575	ng		96
83) Bis(2-ethylhexyl)phthalate	21.86	149	411742	39.412	ng		98
84) Di-n-octyl phthalate	23.16	149	705590	39.404	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.56	276	870623	41.182	ng	#	78
87) Benzo(b)fluoranthene	24.41	252	792227	41.378	ng		96
88) Benzo(k)fluoranthene	24.49	252	739386	39.994	ng		94
89) Benzo(a)pyrene	25.36	252	726501	40.454	ng		98
90) Dibenzo(a,h)anthracene	29.62	278	759628	40.765	ng		99
91) Benzo(g,h,i)perylene	30.83	276	744956	40.761	ng		98

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

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