Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029002.D
Acq On : 3 Oct 2017 12:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 04 05:14:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	35765	20.00	ng		-0.09
21) Naphthalene-d8	11.06	136	153142	20.00	ng		-0.09
38) Acenaphthene-d10	14.87	164	105277	20.00	ng		-0.08
63) Phenanthrene-d10	17.62	188	262996	20.00	ng		-0.08
75) Chrysene-d12	21.93	240	291057	20.00	ng		-0.10
86) Perylene-d12	25.35	264	282844	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	185394	85.53	ng		-0.09
7) Phenol-d6	7.40	99	271395	83.16	ng		-0.09
23) Nitrobenzene-d5	9.41	82	274315	85.69	ng		-0.09
41) 2,4,6-Tribromophenol	16.36	330	150073	86.19	ng		-0.08
44) 2-Fluorobiphenyl	13.49	172	676744	85.72	ng		-0.08
78) Terphenyl-d14	20.21	244	1194989	87.56	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.72	88	34422	39.216	ng		96
3) Pyridine	4.12	79	106437	42.509	ng		92
4) n-Nitrosodimethylamine	4.03	42	51170	44.926	ng	#	74
6) Aniline	7.57	93	163541	43.059	ng		93
8) 2-Chlorophenol	7.81	128	105055	43.478	ng		92
9) Benzaldehyde	7.38	77	72813	35.963	ng		91
10) Phenol	7.43	94	146339	42.490	ng		88
11) bis(2-Chloroethyl)ether	7.65	93	103584	41.891	ng		93
12) 1,3-Dichlorobenzene	8.13	146	115795	44.505	ng		92
13) 1,4-Dichlorobenzene	8.28	146	115113	43.026	ng		97
14) 1,2-Dichlorobenzene	8.59	146	112065	42.398	ng		91
15) Benzyl Alcohol	8.48	79	103896	40.782	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.76	45	188429	41.929	ng		98
17) 2-Methylphenol	8.68	107	95665	42.507	ng		94
18) Hexachloroethane	9.32	117	42612	43.456	ng		95
19) n-Nitroso-di-n-propylamine	9.04	70	101559	43.900	ng	#	86
20) 3+4-Methylphenols	9.01	107	132432	42.070	ng		95
22) Acetophenone	9.06	105	192582	43.009	ng	#	89
24) Nitrobenzene	9.46	77	146419	41.304	ng	#	87
25) Isophorone	9.97	82	273337	42.198	ng	#	97
26) 2-Nitrophenol	10.17	139	64187	42.545	ng	#	85
27) 2,4-Dimethylphenol	10.22	122	109090	39.557	ng		95
28) bis(2-Chloroethoxy)methane	10.45	93	146334	41.600	ng		96
29) 2,4-Dichlorophenol	10.71	162	113690	41.434	ng		95
30) 1,2,4-Trichlorobenzene	10.92	180	131036	41.862	ng		92
31) Naphthalene	11.11	128	339529	42.450	ng		97
32) Benzoic acid	10.39	122	78655	41.154	ng		89
33) 4-Chloroaniline	11.23	127	136514	40.743	ng		91
34) Hexachlorobutadiene	11.38	225	93447	40.531	ng		97
35) Caprolactam	12.01	113	38652	39.282	ng		96
36) 4-Chloro-3-methylphenol	12.34	107	147015	41.170	ng		96
37) 2-Methylnaphthalene	12.70	142	251312	42.084	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	190427	43.992	ng	#	95
40) Hexachlorocyclopentadiene	13.04	237	57442	38.516	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	118213	43.028	ng		95
43) 2,4,5-Trichlorophenol	13.39	196	117892	42.705	ng	#	91
45) 1,1'-Biphenyl	13.70	154	373867	42.892	ng		96
46) 2-Chloronaphthalene	13.75	162	272608	42.878	ng		98
47) 2-Nitroaniline	13.96	65	101645	43.018	ng		91
48) Acenaphthylene	14.59	152	432368	42.568	ng		96
49) Dimethylphthalate	14.32	163	375171	42.498	ng		99
50) 2,6-Dinitrotoluene	14.45	165	82050	41.770	ng	#	79
51) Acenaphthene	14.93	154	263513	42.708	ng		99
52) 3-Nitroaniline	14.78	138	75531	43.481	ng		95
53) 2,4-Dinitrophenol	15.00	184	41430	44.025	ng		93
54) Dibenzofuran	15.26	168	416392	42.318	ng		95
55) 4-Nitrophenol	15.10	139	55021	43.232	ng	#	74
56) 2,4-Dinitrotoluene	15.23	165	120740	43.714	ng	#	88
57) Fluorene	15.91	166	369305	42.041	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	104510	42.954	ng		95
59) Diethylphthalate	15.67	149	378403	41.710	ng		97
60) 4-Chlorophenyl-phenylether	15.90	204	211420	42.266	ng		88
61) 4-Nitroaniline	15.94	138	81036	44.034	ng	#	85
62) Azobenzene	16.19	77	323510	42.400	ng		91
64) 4,6-Dinitro-2-methylphenol	16.00	198	78616	46.326	ng		93
65) n-Nitrosodiphenylamine	16.11	169	317715	42.142	ng		95
66) 4-Bromophenyl-phenylether	16.80	248	143911	42.526	ng		96
67) Hexachlorobenzene	16.93	284	164407	42.686	ng	#	88
68) Atrazine	17.06	200	133990	41.392	ng		97
69) Pentachlorophenol	17.27	266	76404	43.905	ng		97
70) Phenanthrene	17.66	178	576101	42.836	ng		93
71) Anthracene	17.75	178	579452	42.651	ng		95
72) Carbazole	18.02	167	533064	43.566	ng	#	93
73) Di-n-butylphthalate	18.55	149	653403	43.551	ng	#	94
74) Fluoranthene	19.66	202	712337	43.378	ng		92
76) Benzidine	19.83	184	328771	43.559	ng		98
77) Pyrene	20.02	202	733266	43.677	ng		95
79) Butylbenzylphthalate	20.89	149	287386	42.386	ng		93
80) Benzo(a)anthracene	21.91	228	735283	41.969	ng		95
81) 3,3'-Dichlorobenzidine	21.81	252	300618	42.322	ng	#	96
82) Chrysene	21.98	228	698383	42.013	ng		96
83) Bis(2-ethylhexyl)phthalate	21.77	149	399809	41.477	ng		98
84) Di-n-octyl phthalate	23.04	149	673611	39.997	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.29	276	858651	40.202	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	722089	42.612	ng		98
88) Benzo(k)fluoranthene	24.33	252	717342	42.379	ng		93
89) Benzo(a)pyrene	25.19	252	690430	42.924	ng		98
90) Dibenzo(a,h)anthracene	29.35	278	701171	41.812	ng		96
91) Benzo(g,h,i)perylene	30.53	276	698901	42.714	ng		98

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

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