Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028674.D
Acq On : 12 Sep 2017 17:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 13 04:00:58 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	8.33	152	29470	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	133696	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	97728	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	249239	20.00	ng		0.00
75) Chrysene-d12	22.03	240	285336	20.00	ng		0.00
86) Perylene-d12	25.53	264	286997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	157676	88.28	ng		0.00
7) Phenol-d6	7.48	99	236504	87.95	ng		0.00
23) Nitrobenzene-d5	9.50	82	232144	83.06	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	140688	87.04	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	606948	82.81	ng		0.00
78) Terphenyl-d14	20.28	244	1125774	84.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	29787	41.184	ng	#	92
3) Pyridine	4.24	79	87373	42.349	ng		95
4) n-Nitrosodimethylamine	4.15	42	40279	42.918	ng	#	62
6) Aniline	7.66	93	139472	44.566	ng		97
8) 2-Chlorophenol	7.90	128	87138	43.766	ng		95
9) Benzaldehyde	7.48	77	74029	44.373	ng		97
10) Phenol	7.51	94	127275	44.848	ng		88
11) bis(2-Chloroethyl)ether	7.74	93	85287	41.859	ng		92
12) 1,3-Dichlorobenzene	8.22	146	96038	44.796	ng		95
13) 1,4-Dichlorobenzene	8.36	146	97731	44.332	ng		96
14) 1,2-Dichlorobenzene	8.69	146	90664	41.628	ng		97
15) Benzyl Alcohol	8.57	79	93509	44.546	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.84	45	155362	41.956	ng		97
17) 2-Methylphenol	8.77	107	80741	43.539	ng		94
18) Hexachloroethane	9.42	117	35448	43.872	ng		98
19) n-Nitroso-di-n-propylamine	9.13	70	88062	46.197	ng	#	87
20) 3+4-Methylphenols	9.09	107	115247	44.431	ng		90
22) Acetophenone	9.16	105	158894	40.647	ng	#	89
24) Nitrobenzene	9.55	77	128133	41.403	ng		92
25) Isophorone	10.06	82	236909	41.894	ng		98
26) 2-Nitrophenol	10.26	139	55450	42.099	ng	#	91
27) 2,4-Dimethylphenol	10.30	122	99540	41.344	ng		95
28) bis(2-Chloroethoxy)methane	10.53	93	128263	41.767	ng		97
29) 2,4-Dichlorophenol	10.80	162	100237	41.844	ng		94
30) 1,2,4-Trichlorobenzene	11.01	180	110574	40.463	ng		99
31) Naphthalene	11.20	128	291805	41.790	ng		100
32) Benzoic acid	10.46	122	70503	42.092	ng	#	87
33) 4-Chloroaniline	11.31	127	124121	42.432	ng	#	91
34) Hexachlorobutadiene	11.47	225	79861	39.677	ng		98
35) Caprolactam	12.09	113	37122	43.214	ng	#	89
36) 4-Chloro-3-methylphenol	12.41	107	131596	42.212	ng		99
37) 2-Methylnaphthalene	12.78	142	219270	42.059	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	166257	41.375	ng	#	96
40) Hexachlorocyclopentadiene	13.12	237	51909	37.696	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	104818	41.100	ng		95
43) 2,4,5-Trichlorophenol	13.46	196	108384	42.293	ng		89
45) 1,1'-Biphenyl	13.78	154	336485	41.585	ng		97
46) 2-Chloronaphthalene	13.83	162	245303	41.564	ng		99
47) 2-Nitroaniline	14.03	65	94729	43.188	ng		97
48) Acenaphthylene	14.67	152	398144	42.226	ng		98
49) Dimethylphthalate	14.39	163	342438	41.786	ng		99
50) 2,6-Dinitrotoluene	14.52	165	75716	41.523	ng		86
51) Acenaphthene	15.01	154	240749	42.032	ng		95
52) 3-Nitroaniline	14.85	138	69293	42.971	ng		97
53) 2,4-Dinitrophenol	15.07	184	36744	42.418	ng		88
54) Dibenzofuran	15.34	168	382408	41.866	ng		95
55) 4-Nitrophenol	15.17	139	50431	42.686	ng	#	73
56) 2,4-Dinitrotoluene	15.31	165	112235	43.774	ng	#	84
57) Fluorene	15.99	166	346385	42.477	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	96464	42.710	ng	#	93
59) Diethylphthalate	15.74	149	356957	42.386	ng		99
60) 4-Chlorophenyl-phenylether	15.97	204	195317	42.063	ng		91
61) 4-Nitroaniline	16.02	138	74308	43.497	ng	#	86
62) Azobenzene	16.27	77	305583	43.144	ng		91
64) 4,6-Dinitro-2-methylphenol	16.07	198	70470	43.818	ng		95
65) n-Nitrosodiphenylamine	16.18	169	299544	41.925	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	131751	41.082	ng		97
67) Hexachlorobenzene	17.00	284	152831	41.871	ng	#	87
68) Atrazine	17.13	200	125937	41.052	ng		98
69) Pentachlorophenol	17.35	266	71377	43.280	ng		96
70) Phenanthrene	17.74	178	529993	41.582	ng		95
71) Anthracene	17.83	178	542587	42.142	ng		97
72) Carbazole	18.10	167	486925	41.991	ng	#	94
73) Di-n-butylphthalate	18.62	149	594346	41.802	ng	#	93
74) Fluoranthene	19.74	202	649248	41.719	ng		93
76) Benzidine	19.91	184	333220	45.033	ng		96
77) Pyrene	20.10	202	673642	40.930	ng		96
79) Butylbenzylphthalate	20.96	149	273916	41.209	ng		92
80) Benzo(a)anthracene	22.01	228	710205	41.350	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	294499	42.292	ng		98
82) Chrysene	22.08	228	686084	42.100	ng		94
83) Bis(2-ethylhexyl)phthalate	21.86	149	392770	41.564	ng		97
84) Di-n-octyl phthalate	23.16	149	676980	41.003	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.57	276	865419	41.331	ng		99
87) Benzo(b)fluoranthene	24.41	252	702861	40.877	ng		97
88) Benzo(k)fluoranthene	24.49	252	736064	42.856	ng		94
89) Benzo(a)pyrene	25.37	252	684687	41.951	ng		96
90) Dibenzo(a,h)anthracene	29.62	278	725007	42.608	ng	#	98
91) Benzo(g,h,i)perylene	30.84	276	703901	42.397	ng		97

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

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