Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028746.D
Acq On : 14 Sep 2017 23:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
9/15/2017 5:46:00 PM

Quant Time: Sep 15 09:07:33 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	23714	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	102761	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	82809	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	238041	20.00	ng		0.00
75) Chrysene-d12	22.03	240	280330	20.00	ng		0.00
86) Perylene-d12	25.52	264	282716	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	124053	86.32	ng		0.00
7) Phenol-d6	7.48	99	182870	84.51	ng		-0.01
23) Nitrobenzene-d5	9.50	82	180859	84.19	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	130647	95.39	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	487973	78.58	ng		0.00
78) Terphenyl-d14	20.27	244	1117710	85.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	24053	41.329	ng	#	90
3) Pyridine	4.23	79	70892	42.701	ng		94
4) n-Nitrosodimethylamine	4.15	42	32327	42.806	ng		93
6) Aniline	7.65	93	111478	44.267	ng	#	92
8) 2-Chlorophenol	7.89	128	68303	42.633	ng		96
9) Benzaldehyde	7.47	77	56610	42.168	ng		97
10) Phenol	7.51	94	100136	43.850	ng		92
11) bis(2-Chloroethyl)ether	7.74	93	65850	40.164	ng		97
12) 1,3-Dichlorobenzene	8.22	146	73400	42.547	ng		93
13) 1,4-Dichlorobenzene	8.36	146	76834	43.313	ng		92
14) 1,2-Dichlorobenzene	8.69	146	73163	41.746	ng		94
15) Benzyl Alcohol	8.56	79	70606	41.799	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.85	45	115584	38.790	ng		96
17) 2-Methylphenol	8.76	107	63016	42.229	ng		91
18) Hexachloroethane	9.42	117	26942	41.438	ng		85
19) n-Nitroso-di-n-propylamine	9.12	70	64230	41.873	ng	#	94
20) 3+4-Methylphenols	9.09	107	91090	43.641	ng		90
22) Acetophenone	9.15	105	123693	41.167	ng	#	87
24) Nitrobenzene	9.54	77	97650	41.052	ng	#	88
25) Isophorone	10.06	82	184739	42.503	ng	#	95
26) 2-Nitrophenol	10.26	139	43407	42.877	ng	#	88
27) 2,4-Dimethylphenol	10.30	122	77477	41.868	ng		97
28) bis(2-Chloroethoxy)methane	10.53	93	98804	41.859	ng		99
29) 2,4-Dichlorophenol	10.79	162	79227	43.030	ng		96
30) 1,2,4-Trichlorobenzene	11.00	180	85259	40.591	ng		96
31) Naphthalene	11.20	128	230255	42.902	ng		99
32) Benzoic acid	10.44	122	51208	40.111	ng		86
33) 4-Chloroaniline	11.31	127	97340	43.294	ng		93
34) Hexachlorobutadiene	11.47	225	60945	39.394	ng		97
35) Caprolactam	12.08	113	34396	52.095	ng		97
36) 4-Chloro-3-methylphenol	12.41	107	110926	46.293	ng		93
37) 2-Methylnaphthalene	12.78	142	176058	43.937	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	134526	39.510	ng	#	94
40) Hexachlorocyclopentadiene	13.12	237	32406	29.774	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	89218	41.285	ng		98
43) 2,4,5-Trichlorophenol	13.46	196	90113	41.499	ng		93
45) 1,1'-Biphenyl	13.77	154	277334	40.450	ng		96
46) 2-Chloronaphthalene	13.82	162	200313	40.056	ng		98
47) 2-Nitroaniline	14.03	65	82286	44.274	ng	#	83
48) Acenaphthylene	14.66	152	331739	41.522	ng		99
49) Dimethylphthalate	14.38	163	307530	44.287	ng		96
50) 2,6-Dinitrotoluene	14.51	165	69365	44.893	ng		85
51) Acenaphthene	15.00	154	203204	41.869	ng		93
52) 3-Nitroaniline	14.85	138	64746	47.385	ng		94
53) 2,4-Dinitrophenol	15.06	184	13336	22.743	ng	#	80
54) Dibenzofuran	15.33	168	333403	43.077	ng		93
55) 4-Nitrophenol	15.16	139	42022	41.977	ng	#	79
56) 2,4-Dinitrotoluene	15.30	165	103053	47.434	ng	#	89
57) Fluorene	15.99	166	302053	43.714	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	89165	46.591	ng	#	94
59) Diethylphthalate	15.73	149	320827	44.959	ng		99
60) 4-Chlorophenyl-phenylether	15.97	204	170713	43.388	ng		93
61) 4-Nitroaniline	16.01	138	71262	49.229	ng	#	83
62) Azobenzene	16.26	77	268393	44.720	ng		90
64) 4,6-Dinitro-2-methylphenol	16.07	198	46291	30.138	ng		94
65) n-Nitrosodiphenylamine	16.19	169	274665	40.251	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	124596	40.679	ng		96
67) Hexachlorobenzene	17.00	284	142190	40.788	ng	#	88
68) Atrazine	17.13	200	123271	42.073	ng		98
69) Pentachlorophenol	17.34	266	54230	34.430	ng		99
70) Phenanthrene	17.74	178	507319	41.676	ng		96
71) Anthracene	17.82	178	515836	41.949	ng		96
72) Carbazole	18.09	167	481133	43.444	ng	#	95
73) Di-n-butylphthalate	18.62	149	579736	42.692	ng	#	93
74) Fluoranthene	19.73	202	657888	44.263	ng		92
76) Benzidine	19.90	184	295169	40.603	ng		97
77) Pyrene	20.09	202	674384	41.707	ng		94
79) Butylbenzylphthalate	20.96	149	266842	40.862	ng		90
80) Benzo(a)anthracene	22.00	228	706372	41.862	ng		93
81) 3,3'-Dichlorobenzidine	21.90	252	282919	41.354	ng		97
82) Chrysene	22.07	228	675339	42.181	ng		96
83) Bis(2-ethylhexyl)phthalate	21.85	149	382310	41.180	ng		99
84) Di-n-octyl phthalate	23.15	149	664306	40.954	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.55	276	846057	41.128	ng		100
87) Benzo(b)fluoranthene	24.40	252	711100	41.982	ng		98
88) Benzo(k)fluoranthene	24.48	252	739595m	43.714	ng		
89) Benzo(a)pyrene	25.36	252	681407	42.383	ng		98
90) Dibenzo(a,h)anthracene	29.60	278	697457	41.610	ng		97
91) Benzo(g,h,i)perylene	30.81	276	680996	41.638	ng		98

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

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