Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030698.D
Acq On : 3 Nov 2017 13:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC020

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:25 PM

Quant Time: Nov 03 17:23:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	63603	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	300140	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	192833	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	454497	20.00	ng		0.00
75) Chrysene-d12	21.78	240	501495	20.00	ng		0.00
86) Perylene-d12	25.09	264	524627	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	302358	79.42	ng		0.00
7) Phenol-d6	7.31	99	429152	80.30	ng		0.00
23) Nitrobenzene-d5	9.32	82	398617	84.40	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	217617	87.41	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1056755	80.37	ng		0.00
78) Terphenyl-d14	20.10	244	1683477	76.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	64873	41.996	ng	#	83
3) Pyridine	3.98	79	191966	42.673	ng		92
4) n-Nitrosodimethylamine	3.89	42	81638	38.824	ng	#	88
6) Aniline	7.47	93	269909	40.787	ng		96
8) 2-Chlorophenol	7.72	128	166245	38.094	ng		90
9) Benzaldehyde	7.29	77	123294	45.868	ng		90
10) Phenol	7.34	94	220069	38.197	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	174881	41.661	ng		90
12) 1,3-Dichlorobenzene	8.04	146	190801	38.943	ng		97
13) 1,4-Dichlorobenzene	8.19	146	195329	39.048	ng		93
14) 1,2-Dichlorobenzene	8.51	146	188104	38.986	ng		97
15) Benzyl Alcohol	8.39	79	160820	42.702	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.68	45	237620m	33.332	ng		
17) 2-Methylphenol	8.59	107	150841	39.412	ng		96
18) Hexachloroethane	9.25	117	65616	38.491	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	154593	42.544	ng		94
20) 3+4-Methylphenols	8.92	107	215102	39.887	ng		93
22) Acetophenone	8.98	105	289783	40.063	ng	#	94
24) Nitrobenzene	9.36	77	203392	38.300	ng		92
25) Isophorone	9.88	82	369084	37.432	ng	#	92
26) 2-Nitrophenol	10.07	139	105107	41.411	ng		89
27) 2,4-Dimethylphenol	10.13	122	162234	35.329	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	245843	40.662	ng		97
29) 2,4-Dichlorophenol	10.61	162	193447	39.504	ng		89
30) 1,2,4-Trichlorobenzene	10.83	180	211656	40.007	ng		98
31) Naphthalene	11.02	128	586640	39.218	ng		98
32) Benzoic acid	10.27	122	163969m	42.644	ng		
33) 4-Chloroaniline	11.12	127	254529	40.452	ng		95
34) Hexachlorobutadiene	11.30	225	136914	41.624	ng		95
35) Caprolactam	11.89	113	69296	42.579	ng	#	75
36) 4-Chloro-3-methylphenol	12.24	107	200694	37.263	ng	#	86
37) 2-Methylnaphthalene	12.61	142	439821	40.343	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	282374	40.108	ng		98
40) Hexachlorocyclopentadiene	12.95	237	107664	42.677	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	171450	38.793	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	181233	39.929	ng		95
45) 1,1'-Biphenyl	13.61	154	652222	39.350	ng		98
46) 2-Chloronaphthalene	13.65	162	463623	38.348	ng		97
47) 2-Nitroaniline	13.85	65	137034	41.266	ng	#	86
48) Acenaphthylene	14.50	152	764692	40.415	ng		98
49) Dimethylphthalate	14.22	163	608292	40.430	ng		98
50) 2,6-Dinitrotoluene	14.34	165	133505	42.329	ng	#	81
51) Acenaphthene	14.83	154	478796	38.893	ng		98
52) 3-Nitroaniline	14.67	138	144124	42.348	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	56048	36.227	ng	#	51
54) Dibenzofuran	15.17	168	741125	42.171	ng		100
55) 4-Nitrophenol	14.97	139	111786	39.841	ng	#	76
56) 2,4-Dinitrotoluene	15.13	165	185615	43.474	ng	#	78
57) Fluorene	15.81	166	579986	39.949	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	166236	43.899	ng	#	94
59) Diethylphthalate	15.57	149	617714	41.197	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	332839	42.999	ng		95
61) 4-Nitroaniline	15.83	138	149742	42.849	ng		88
62) Azobenzene	16.10	77	524418	41.475	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	111470	43.636	ng		80
65) n-Nitrosodiphenylamine	16.01	169	559372	41.085	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	210770	40.414	ng		98
67) Hexachlorobenzene	16.82	284	228538	38.686	ng		97
68) Atrazine	16.95	200	207750	42.765	ng		99
69) Pentachlorophenol	17.16	266	148570	43.780	ng		99
70) Phenanthrene	17.55	178	953302	40.601	ng		98
71) Anthracene	17.64	178	949671	40.281	ng		99
72) Carbazole	17.91	167	892687	39.416	ng		99
73) Di-n-butylphthalate	18.45	149	1064144	40.853	ng		99
74) Fluoranthene	19.55	202	1160521	42.259	ng		96
76) Benzidine	19.72	184	610274	40.304	ng		97
77) Pyrene	19.92	202	1190127	39.121	ng		95
79) Butylbenzylphthalate	20.78	149	499162	38.513	ng		90
80) Benzo(a)anthracene	21.76	228	1191323	40.461	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	494049	40.652	ng		100
82) Chrysene	21.83	228	1123626	39.848	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	702068	37.744	ng		99
84) Di-n-octyl phthalate	22.89	149	1216889	37.538	ng		96
85) Indeno(1,2,3-cd)pyrene	28.89	276	1465245	42.237	ng		97
87) Benzo(b)fluoranthene	24.04	252	1250730	41.642	ng		99
88) Benzo(k)fluoranthene	24.11	252	1206427	40.318	ng		98
89) Benzo(a)pyrene	24.93	252	1171683	40.579	ng		99
90) Dibenzo(a,h)anthracene	28.94	278	1240579	42.438	ng		99
91) Benzo(g,h,i)perylene	30.07	276	1200933	44.215	ng		99

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

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