Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024730.D
Acq On : 7 Nov 2016 15:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
11/8/2016 4:29:25 PM

Quant Time: Nov 07 16:56:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	106731	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	429494	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	363250	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	825652	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1064211	20.00	ng		0.00
86) Perylene-d12	25.35	264	1128431	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	529223	81.27	ng		0.00
7) Phenol-d6	7.40	99	762453	85.36	ng		0.00
23) Nitrobenzene-d5	9.44	82	800197	84.83	ng		-0.01
41) 2,4,6-Tribromophenol	16.36	330	488588	90.03	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	1795425	82.15	ng		-0.01
78) Terphenyl-d14	20.20	244	2991406	83.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	113343	42.60	ng		90
3) Pyridine	4.07	79	332804	41.78	ng		95
4) n-Nitrosodimethylamine	3.98	42	164114	39.80	ng	#	83
6) Aniline	7.58	93	474758	41.95	ng		97
8) 2-Chlorophenol	7.82	128	274364	41.44	ng		95
9) Benzaldehyde	7.40	77	220810	40.00	ng		94
10) Phenol	7.43	94	390821	42.44	ng		95
11) bis(2-Chloroethyl)ether	7.67	93	295566	42.73	ng		86
12) 1,3-Dichlorobenzene	8.15	146	339792	41.46	ng		98
13) 1,4-Dichlorobenzene	8.30	146	339971	41.99	ng		97
14) 1,2-Dichlorobenzene	8.62	146	316724	40.69	ng		97
15) Benzyl Alcohol	8.50	79	362805	43.66	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.78	45	507453	39.54	ng		97
17) 2-Methylphenol	8.70	107	262173	42.97	ng		95
18) Hexachloroethane	9.35	117	127114	40.84	ng	#	89
19) n-Nitroso-di-n-propylamine	9.07	70	287413	43.66	ng		94
20) 3+4-Methylphenols	9.02	107	363558	44.38	ng		97
22) Acetophenone	9.09	105	471179	42.71	ng	#	93
24) Nitrobenzene	9.48	77	444163	42.32	ng		96
25) Isophorone	9.99	82	761115	43.38	ng		98
26) 2-Nitrophenol	10.19	139	180534	46.35	ng		93
27) 2,4-Dimethylphenol	10.23	122	304269	44.62	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	387321	42.66	ng		99
29) 2,4-Dichlorophenol	10.72	162	322541	45.06	ng		95
30) 1,2,4-Trichlorobenzene	10.95	180	367430	43.28	ng		100
31) Naphthalene	11.14	128	915914	42.75	ng		99
32) Benzoic acid	10.36	122	237280	41.78	ng		90
33) 4-Chloroaniline	11.25	127	414227	44.53	ng		94
34) Hexachlorobutadiene	11.40	225	286307	43.09	ng		96
35) Caprolactam	12.02	113	117054	44.67	ng	#	86
36) 4-Chloro-3-methylphenol	12.34	107	388526	44.97	ng		98
37) 2-Methylnaphthalene	12.73	142	696117	44.53	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	500403	40.84	ng		96
40) Hexachlorocyclopentadiene	13.06	237	286456	41.52	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	315787	42.88	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	336287	42.24	ng		93
45) 1,1'-Biphenyl	13.72	154	1027837	40.78	ng		98
46) 2-Chloronaphthalene	13.77	162	788876	41.10	ng		97
47) 2-Nitroaniline	13.97	65	323905	41.21	ng		93
48) Acenaphthylene	14.61	152	1215510	41.29	ng		96
49) Dimethylphthalate	14.32	163	1097182	42.55	ng		98
50) 2,6-Dinitrotoluene	14.45	165	235819	42.84	ng		93
51) Acenaphthene	14.94	154	809301	36.88	ng		96
52) 3-Nitroaniline	14.79	138	236332	41.48	ng		97
53) 2,4-Dinitrophenol	14.99	184	208472	52.26	ng		96
54) Dibenzofuran	15.28	168	1259426	41.51	ng		98
55) 4-Nitrophenol	15.08	139	208364	41.98	ng	#	77
56) 2,4-Dinitrotoluene	15.23	165	349720	43.71	ng	#	96
57) Fluorene	15.92	166	1052960	41.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	352267	42.67	ng		94
59) Diethylphthalate	15.67	149	1107067	40.95	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	595416	42.18	ng		98
61) 4-Nitroaniline	15.95	138	268047	43.07	ng		98
62) Azobenzene	16.20	77	1059718	39.30	ng		98
64) 4,6-Dinitro-2-methylphenol	15.99	198	257867	45.33	ng		94
65) n-Nitrosodiphenylamine	16.12	169	935208	41.43	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	437165	43.62	ng		94
67) Hexachlorobenzene	16.92	284	482851	43.60	ng	#	90
68) Atrazine	17.06	200	396474	40.95	ng		95
69) Pentachlorophenol	17.26	266	302315	41.37	ng		95
70) Phenanthrene	17.67	178	1749618	41.57	ng		99
71) Anthracene	17.76	178	1765521	41.58	ng		100
72) Carbazole	18.03	167	1594760	41.19	ng		98
73) Di-n-butylphthalate	18.55	149	1853251	41.51	ng		98
74) Fluoranthene	19.66	202	2227537	41.87	ng		97
76) Benzidine	19.84	184	949967	37.89	ng		96
77) Pyrene	20.02	202	2274630	43.72	ng		97
79) Butylbenzylphthalate	20.88	149	918593	42.35	ng		96
80) Benzo(a)anthracene	21.90	228	2453069	41.96	ng		98
81) 3,3'-Dichlorobenzidine	21.80	252	997671	42.30	ng		100
82) Chrysene	21.97	228	2344524	42.11	ng		98
83) Bis(2-ethylhexyl)phthalate	21.75	149	1271359	40.98	ng		99
84) Di-n-octyl phthalate	23.03	149	2135127	41.47	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.28	276	3163645	41.16	ng	#	98
87) Benzo(b)fluoranthene	24.25	252	2556113	41.91	ng		98
88) Benzo(k)fluoranthene	24.32	252	2491028m	42.29	ng		
89) Benzo(a)pyrene	25.18	252	2498910	41.93	ng		99
90) Dibenzo(a,h)anthracene	29.35	278	2669319	40.80	ng		97
91) Benzo(g,h,i)perylene	30.53	276	2654726	40.62	ng		100

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

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