Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
Data File : BG022520.D
Acq On : 24 Jun 2016 1:30
Operator : UM/SJ
Sample : SSTDICC60
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC60

Manual Integrations APPROVED
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6/24/2016 7:30:43 PM

Quant Time: Jun 24 03:52:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 03:43:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	113898	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	484255	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	328604	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	826509	20.00	ng		0.00
75) Chrysene-d12	21.86	240	892256	20.00	ng		0.00
86) Perylene-d12	25.23	264	900696	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	790362	131.92	ng		0.00
7) Phenol-d6	7.32	99	1129702	121.99	ng		0.00
23) Nitrobenzene-d5	9.35	82	1251142	166.63	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	580814	150.69	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	2287481	107.27	ng		0.00
78) Terphenyl-d14	20.17	244	3200911	87.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	164887	57.63	ng		97
3) Pyridine	4.02	79	528441	67.97	ng		97
4) n-Nitrosodimethylamine	3.92	42	284626	133.64	ng	#	86
6) Aniline	7.50	93	791458	66.25	ng		97
8) 2-Chlorophenol	7.74	128	414565	52.01	ng		98
9) Benzaldehyde	7.31	77	246206	50.53	ng		90
10) Phenol	7.35	94	594723	61.74	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	461428	60.54	ng		95
12) 1,3-Dichlorobenzene	8.06	146	506851	57.91	ng		96
13) 1,4-Dichlorobenzene	8.22	146	508163	58.48	ng		96
14) 1,2-Dichlorobenzene	8.53	146	483294	55.44	ng		92
15) Benzyl Alcohol	8.42	79	601355	89.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.72	45	539265	66.33	ng		97
17) 2-Methylphenol	8.61	107	386603	54.66	ng		99
18) Hexachloroethane	9.27	117	219528	67.33	ng		90
19) n-Nitroso-di-n-propylamine	9.00	70	478215	73.47	ng	#	98
20) 3+4-Methylphenols	8.94	107	534116	53.10	ng		98
22) Acetophenone	9.01	105	761459	70.27	ng	#	99
24) Nitrobenzene	9.39	77	680830	88.46	ng		98
25) Isophorone	9.93	82	1187538	70.01	ng	#	95
26) 2-Nitrophenol	10.11	139	257371	66.83	ng		96
27) 2,4-Dimethylphenol	10.16	122	464893	67.07	ng		94
28) bis(2-Chloroethoxy)methane	10.40	93	650099	67.47	ng		99
29) 2,4-Dichlorophenol	10.64	162	471099	71.50	ng		98
30) 1,2,4-Trichlorobenzene	10.87	180	543182	72.90	ng		98
31) Naphthalene	11.05	128	1303756	53.89	ng		100
32) Benzoic acid	10.30	122	304127	117.42	ng		91
33) 4-Chloroaniline	11.16	127	607736	59.63	ng		98
34) Hexachlorobutadiene	11.34	225	441735	100.59	ng		95
35) Caprolactam	11.96	113	151051m	45.17	ng		
36) 4-Chloro-3-methylphenol	12.26	107	565196	72.03	ng		98
37) 2-Methylnaphthalene	12.65	142	1015643	56.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	668037	75.80	ng		99
40) Hexachlorocyclopentadiene	12.99	237	569587	121.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	447717	76.09	ng		99
43) 2,4,5-Trichlorophenol	13.32	196	452989	70.42	ng		92
45) 1,1'-Biphenyl	13.65	154	1338060	55.00	ng		96
46) 2-Chloronaphthalene	13.70	162	1118196	59.33	ng		96
47) 2-Nitroaniline	13.89	65	453225	91.28	ng		97
48) Acenaphthylene	14.54	152	1615455	49.77	ng		97
49) Dimethylphthalate	14.27	163	1440356	53.46	ng		97
50) 2,6-Dinitrotoluene	14.39	165	323774	55.64	ng		96
51) Acenaphthene	14.88	154	1215271	60.76	ng		98
52) 3-Nitroaniline	14.71	138	324435	50.68	ng		95
53) 2,4-Dinitrophenol	14.91	184	206615	104.28	ng		97
54) Dibenzofuran	15.21	168	1712826	55.57	ng		97
55) 4-Nitrophenol	15.01	139	274725	61.12	ng		94
56) 2,4-Dinitrotoluene	15.17	165	469116	59.86	ng		97
57) Fluorene	15.87	166	1395174	53.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	489636	81.58	ng		97
59) Diethylphthalate	15.63	149	1517263	52.86	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	825707	66.71	ng		98
61) 4-Nitroaniline	15.88	138	328548	49.17	ng		96
62) Azobenzene	16.15	77	1656280	72.25	ng		97
64) 4,6-Dinitro-2-methylphenol	15.93	198	310034	78.64	ng		91
65) n-Nitrosodiphenylamine	16.07	169	1298398	55.45	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	565615	71.11	ng		98
67) Hexachlorobenzene	16.87	284	603350	66.06	ng		97
68) Atrazine	17.02	200	583357	65.45	ng		99
69) Pentachlorophenol	17.21	266	441464	108.24	ng		98
70) Phenanthrene	17.61	178	2187119	49.72	ng		95
71) Anthracene	17.70	178	2234514	51.24	ng		97
72) Carbazole	17.97	167	1947044	47.60	ng		97
73) Di-n-butylphthalate	18.53	149	2311716	43.46	ng		97
74) Fluoranthene	19.61	202	2564330	50.38	ng		97
76) Benzidine	19.78	184	1023883	47.21	ng		99
77) Pyrene	19.97	202	2588695	47.76	ng		94
79) Butylbenzylphthalate	20.85	149	1189704	47.82	ng		99
80) Benzo(a)anthracene	21.84	228	2693743	54.42	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	1130831	77.06	ng		93
82) Chrysene	21.91	228	2513767	52.23	ng		95
83) Bis(2-ethylhexyl)phthalate	21.74	149	1583811	43.74	ng		98
84) Di-n-octyl phthalate	23.02	149	2528161	42.14	ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	3102419	57.38	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2961245	57.24	ng		98
88) Benzo(k)fluoranthene	24.23	252	2715936	53.46	ng	#	96
89) Benzo(a)pyrene	25.08	252	2834693	57.26	ng		98
90) Dibenzo(a,h)anthracene	29.17	278	2591794	55.94	ng	#	95
91) Benzo(g,h,i)perylene	30.31	276	2628792	54.59	ng		98

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

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