Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019924.D
Acq On : 5 Dec 2015 3:31
Operator : UM/NP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:29:44 PM

Quant Time: Dec 05 04:38:13 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	30673	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	138692	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	96565	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	239309	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	289759	20.00	ng		-0.03
86) Perylene-d12	25.04	264	274746	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	143723	84.69	ng		-0.01
7) Phenol-d6	7.26	99	219333	85.60	ng		-0.01
23) Nitrobenzene-d5	9.28	82	229170	84.33	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	113724	76.97	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	558209	78.93	ng		-0.02
78) Terphenyl-d14	20.09	244	919569	77.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	28433	43.01	ng	#	100
3) Pyridine	3.93	79	85821	42.74	ng		88
4) n-Nitrosodimethylamine	3.84	42	39945	37.82	ng		87
6) Aniline	7.44	93	138427	41.72	ng	#	86
8) 2-Chlorophenol	7.67	128	88316	42.68	ng		91
9) Benzaldehyde	7.25	77	66827	39.11	ng		91
10) Phenol	7.29	94	115849	42.96	ng		83
11) bis(2-Chloroethyl)ether	7.53	93	84323	42.22	ng		91
12) 1,3-Dichlorobenzene	8.01	146	95359	40.65	ng	#	92
13) 1,4-Dichlorobenzene	8.16	146	99024	40.88	ng		94
14) 1,2-Dichlorobenzene	8.47	146	94437	40.87	ng		95
15) Benzyl Alcohol	8.35	79	88216	39.23	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	136254	41.83	ng		91
17) 2-Methylphenol	8.55	107	79191	41.60	ng	#	90
18) Hexachloroethane	9.21	117	36425	40.15	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	79906	39.54	ng	#	89
20) 3+4-Methylphenols	8.88	107	113238	42.24	ng		92
22) Acetophenone	8.94	105	153921	40.49	ng	#	92
24) Nitrobenzene	9.32	77	125925	42.72	ng	#	87
25) Isophorone	9.85	82	231388	39.72	ng	#	97
26) 2-Nitrophenol	10.04	139	54006	47.44	ng	#	70
27) 2,4-Dimethylphenol	10.09	122	94177	39.72	ng		90
28) bis(2-Chloroethoxy)methane	10.34	93	118868	41.75	ng		97
29) 2,4-Dichlorophenol	10.58	162	99637	41.14	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	108663	39.70	ng		92
31) Naphthalene	10.99	128	300404	40.43	ng		99
32) Benzoic acid	10.22	122	82170	51.00	ng	#	85
33) 4-Chloroaniline	11.09	127	130207	39.77	ng	#	92
34) Hexachlorobutadiene	11.27	225	75390	37.34	ng		95
35) Caprolactam	11.87	113	34365	38.12	ng	#	79
36) 4-Chloro-3-methylphenol	12.20	107	122024	40.45	ng		94
37) 2-Methylnaphthalene	12.59	142	213984m	39.30	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	145560	39.72	ng		99
40) Hexachlorocyclopentadiene	12.93	237	78286	37.47	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	98006	40.40	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	103003	40.17	ng		94
45) 1,1'-Biphenyl	13.58	154	316453	39.93	ng		100
46) 2-Chloronaphthalene	13.63	162	243946	39.94	ng		93
47) 2-Nitroaniline	13.82	65	85446	44.29	ng	#	82
48) Acenaphthylene	14.47	152	410152	39.42	ng		99
49) Dimethylphthalate	14.20	163	332048	38.23	ng		99
50) 2,6-Dinitrotoluene	14.31	165	72337	44.29	ng	#	76
51) Acenaphthene	14.81	154	254419	40.30	ng		97
52) 3-Nitroaniline	14.64	138	73526	43.33	ng		89
53) 2,4-Dinitrophenol	14.84	184	31307	41.12	ng		88
54) Dibenzofuran	15.14	168	366150	38.98	ng		92
55) 4-Nitrophenol	14.94	139	60883	41.20	ng	#	60
56) 2,4-Dinitrotoluene	15.10	165	102053	44.79	ng	#	90
57) Fluorene	15.79	166	318119	37.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	93440	39.37	ng		98
59) Diethylphthalate	15.56	149	343842	36.58	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	182649	37.84	ng		97
61) 4-Nitroaniline	15.81	138	78847	41.32	ng	#	77
62) Azobenzene	16.08	77	297755	38.06	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	58931	44.36	ng		93
65) n-Nitrosodiphenylamine	15.99	169	280624	40.52	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	117966	39.67	ng		97
67) Hexachlorobenzene	16.79	284	124004	40.03	ng		96
68) Atrazine	16.94	200	116034	38.56	ng		94
69) Pentachlorophenol	17.13	266	82699	45.74	ng		93
70) Phenanthrene	17.53	178	534040	39.44	ng		97
71) Anthracene	17.62	178	544216	39.46	ng		97
72) Carbazole	17.89	167	477218	39.28	ng		97
73) Di-n-butylphthalate	18.44	149	587983	39.48	ng		99
74) Fluoranthene	19.53	202	676170	39.04	ng		96
76) Benzidine	19.71	184	366039	38.46	ng		97
77) Pyrene	19.89	202	682435	40.03	ng		96
79) Butylbenzylphthalate	20.78	149	279578	41.84	ng		99
80) Benzo(a)anthracene	21.75	228	704400	39.71	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	264135	39.10	ng	#	96
82) Chrysene	21.81	228	670650	39.82	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	401701	40.97	ng		98
84) Di-n-octyl phthalate	22.89	149	683090	42.85	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	798539	43.04	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	685430	39.36	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	667744	38.72	ng	#	96
89) Benzo(a)pyrene	24.89	252	667211	40.36	ng	#	96
90) Dibenzo(a,h)anthracene	28.88	278	663944	40.65	ng	#	93
91) Benzo(g,h,i)perylene	29.98	276	661649	41.26	ng	#	93

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

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