Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021691.D
Acq On : 15 Apr 2016 18:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/18/2016 7:18:09 PM

Quant Time: Apr 16 02:24:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	32699	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	152228	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	96942	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	238885	20.00	ng		0.00
75) Chrysene-d12	21.84	240	279675	20.00	ng		0.00
86) Perylene-d12	25.18	264	276613	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	164947	84.00	ng		0.01
7) Phenol-d6	7.37	99	235810	80.40	ng		0.02
23) Nitrobenzene-d5	9.38	82	235579	79.54	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	99379	95.12	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	514591	77.77	ng		0.00
78) Terphenyl-d14	20.15	244	874270	78.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	35903	41.08	ng		90
3) Pyridine	4.04	79	102266	38.99	ng		94
4) n-Nitrosodimethylamine	3.95	42	49953	38.43	ng	#	82
6) Aniline	7.54	93	153301	39.52	ng		97
8) 2-Chlorophenol	7.78	128	94180	40.01	ng		97
9) Benzaldehyde	7.35	77	62658	36.94	ng	#	83
10) Phenol	7.40	94	127917	40.55	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	97786	38.73	ng		93
12) 1,3-Dichlorobenzene	8.11	146	106369	40.46	ng		97
13) 1,4-Dichlorobenzene	8.26	146	108234	40.44	ng		91
14) 1,2-Dichlorobenzene	8.57	146	102244	39.82	ng		98
15) Benzyl Alcohol	8.46	79	89883	40.10	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	196732	36.38	ng		97
17) 2-Methylphenol	8.65	107	87346	40.05	ng		94
18) Hexachloroethane	9.31	117	39250	40.29	ng	#	76
19) n-Nitroso-di-n-propylamine	9.02	70	87954	38.59	ng		94
20) 3+4-Methylphenols	8.98	107	122120	40.92	ng		97
22) Acetophenone	9.04	105	165023	38.92	ng	#	98
24) Nitrobenzene	9.43	77	125979	39.73	ng		95
25) Isophorone	9.95	82	250831	38.70	ng		99
26) 2-Nitrophenol	10.14	139	58482	48.31	ng		99
27) 2,4-Dimethylphenol	10.19	122	99769	36.28	ng		98
28) bis(2-Chloroethoxy)methane	10.42	93	129625	37.63	ng		92
29) 2,4-Dichlorophenol	10.68	162	97795	41.71	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	100502	39.86	ng		95
31) Naphthalene	11.09	128	313286	38.46	ng	#	95
32) Benzoic acid	10.32	122	71301m	45.97	ng		
33) 4-Chloroaniline	11.19	127	140697	39.89	ng		97
34) Hexachlorobutadiene	11.36	225	66565	40.93	ng		93
35) Caprolactam	11.97	113	47388	44.17	ng		96
36) 4-Chloro-3-methylphenol	12.30	107	122791	41.64	ng		96
37) 2-Methylnaphthalene	12.67	142	222072	39.71	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	121792	40.20	ng		99
40) Hexachlorocyclopentadiene	13.01	237	72222	42.91	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	85981	44.51	ng		96
43) 2,4,5-Trichlorophenol	13.34	196	89644	43.00	ng		95
45) 1,1'-Biphenyl	13.66	154	320053	39.19	ng		99
46) 2-Chloronaphthalene	13.71	162	237982	39.41	ng		98
47) 2-Nitroaniline	13.91	65	87577	42.30	ng		97
48) Acenaphthylene	14.55	152	397345	39.80	ng		98
49) Dimethylphthalate	14.27	163	338453	40.38	ng		99
50) 2,6-Dinitrotoluene	14.40	165	71947	45.02	ng		96
51) Acenaphthene	14.89	154	253278	39.68	ng		99
52) 3-Nitroaniline	14.72	138	77489	43.72	ng		99
53) 2,4-Dinitrophenol	14.92	184	25742	45.42	ng		88
54) Dibenzofuran	15.22	168	348207	39.96	ng		98
55) 4-Nitrophenol	15.03	139	71049	46.81	ng		92
56) 2,4-Dinitrotoluene	15.18	165	101718	47.09	ng		98
57) Fluorene	15.86	166	312932	40.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	79608	46.03	ng		100
59) Diethylphthalate	15.62	149	360517	41.21	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	156131	40.72	ng		98
61) 4-Nitroaniline	15.89	138	87422	44.82	ng		94
62) Azobenzene	16.15	77	297662	39.70	ng		98
64) 4,6-Dinitro-2-methylphenol	15.93	198	47266	47.56	ng		98
65) n-Nitrosodiphenylamine	16.06	169	277730	38.76	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	104529	40.84	ng		97
67) Hexachlorobenzene	16.86	284	107027	39.61	ng		97
68) Atrazine	17.01	200	122333	43.24	ng		99
69) Pentachlorophenol	17.20	266	58891	38.18	ng		92
70) Phenanthrene	17.60	178	508343	38.61	ng		97
71) Anthracene	17.70	178	525148	39.29	ng		97
72) Carbazole	17.96	167	498829	39.99	ng		98
73) Di-n-butylphthalate	18.50	149	644533	40.62	ng		98
74) Fluoranthene	19.59	202	617487	39.28	ng		99
76) Benzidine	19.77	184	333195	38.26	ng		98
77) Pyrene	19.96	202	628571	38.98	ng		99
79) Butylbenzylphthalate	20.83	149	296696	39.63	ng		98
80) Benzo(a)anthracene	21.82	228	626339	38.91	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	508907	39.95	ng		99
82) Chrysene	21.89	228	595071	38.48	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	427367	39.03	ng		100
84) Di-n-octyl phthalate	22.96	149	729801	39.79	ng		100
85) Indeno(1,2,3-cd)pyrene	29.00	276	742002	40.36	ng	#	92
87) Benzo(b)fluoranthene	24.11	252	627658	39.11	ng		99
88) Benzo(k)fluoranthene	24.18	252	616526	39.28	ng		100
89) Benzo(a)pyrene	25.01	252	608747	39.15	ng		98
90) Dibenzo(a,h)anthracene	29.07	278	621343	39.85	ng		96
91) Benzo(g,h,i)perylene	30.20	276	606722	39.66	ng		96

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

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