Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019132.D
Acq On : 11 Oct 2015 00:24
Operator : UM/NP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/12/2015 7:01:03 PM

Quant Time: Oct 12 07:21:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21598	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	101695	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	67675	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	165493	20.00	ng		0.00
75) Chrysene-d12	21.68	240	198183	20.00	ng		0.00
86) Perylene-d12	24.91	264	195534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	83024	78.27	ng		0.00
7) Phenol-d6	7.20	99	130914	80.34	ng		0.00
23) Nitrobenzene-d5	9.19	82	141417	76.84	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	69411	75.27	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	343218	77.98	ng		0.00
78) Terphenyl-d14	20.02	244	556354	74.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	16707	37.45	ng		97
3) Pyridine	3.90	79	53765	39.42	ng		97
4) n-Nitrosodimethylamine	3.82	42	31144	40.27	ng		99
6) Aniline	7.36	93	88165	39.96	ng		97
8) 2-Chlorophenol	7.60	128	52608	39.52	ng		95
9) Benzaldehyde	7.17	77	40258	39.22	ng		99
10) Phenol	7.22	94	67110	39.55	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	49541	38.64	ng		95
12) 1,3-Dichlorobenzene	7.92	146	56210	38.68	ng		97
13) 1,4-Dichlorobenzene	8.07	146	57601	38.73	ng		95
14) 1,2-Dichlorobenzene	8.39	146	56940	39.57	ng		94
15) Benzyl Alcohol	8.27	79	57250	39.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	107016	38.97	ng		99
17) 2-Methylphenol	8.47	107	49495	40.84	ng		98
18) Hexachloroethane	9.12	117	22659	39.99	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	50300	38.90	ng		99
20) 3+4-Methylphenols	8.80	107	69838	40.01	ng		99
22) Acetophenone	8.85	105	90033	37.86	ng	#	99
24) Nitrobenzene	9.24	77	77054	39.46	ng		98
25) Isophorone	9.76	82	144379	38.56	ng		99
26) 2-Nitrophenol	9.95	139	31439	37.76	ng		95
27) 2,4-Dimethylphenol	10.01	122	56141	38.59	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	74717	37.40	ng		97
29) 2,4-Dichlorophenol	10.48	162	58367	38.27	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	62129	37.95	ng		92
31) Naphthalene	10.89	128	183385	37.47	ng		98
32) Benzoic acid	10.15	122	24333m	30.35	ng		
33) 4-Chloroaniline	10.99	127	85008	37.38	ng		98
34) Hexachlorobutadiene	11.17	225	42837	38.16	ng		96
35) Caprolactam	11.77	113	20813	37.04	ng	#	78
36) 4-Chloro-3-methylphenol	12.11	107	73064	37.69	ng		96
37) 2-Methylnaphthalene	12.49	142	141877	37.31	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	78419	40.32	ng		99
40) Hexachlorocyclopentadiene	12.84	237	40771	40.30	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	52299	38.62	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	56512	39.27	ng	98
45) 1,1'-Biphenyl	13.50	154	188254	38.30	ng	98
46) 2-Chloronaphthalene	13.54	162	146071	38.63	ng	96
47) 2-Nitroaniline	13.74	65	59965	39.49	ng	98
48) Acenaphthylene	14.38	152	257192	38.56	ng	99
49) Dimethylphthalate	14.11	163	202184	37.83	ng	99
50) 2,6-Dinitrotoluene	14.24	165	43267	37.89	ng	98
51) Acenaphthene	14.72	154	151863	37.87	ng	99
52) 3-Nitroaniline	14.56	138	46253	36.71	ng	98
53) 2,4-Dinitrophenol	14.76	184	19797	37.71	ng	93
54) Dibenzofuran	15.06	168	228318	38.53	ng	100
55) 4-Nitrophenol	14.87	139	35000	36.71	ng	95
56) 2,4-Dinitrotoluene	15.02	165	64011	38.56	ng	99
57) Fluorene	15.71	166	193988	37.74	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	51644	37.91	ng	98
59) Diethylphthalate	15.48	149	206936	37.27	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	98153	37.48	ng	97
61) 4-Nitroaniline	15.73	138	51219	37.41	ng	98
62) Azobenzene	15.99	77	193324	37.55	ng	97
64) 4,6-Dinitro-2-methylphenol	15.78	198	35059	38.80	ng	97
65) n-Nitrosodiphenylamine	15.92	169	176221	38.53	ng	99
66) 4-Bromophenyl-phenylether	16.59	248	66275	39.41	ng	96
67) Hexachlorobenzene	16.71	284	77439	39.21	ng	97
68) Atrazine	16.86	200	73229	38.88	ng	98
69) Pentachlorophenol	17.06	266	39008	37.89	ng	95
70) Phenanthrene	17.45	178	322741	37.89	ng	98
71) Anthracene	17.54	178	323172	37.93	ng	100
72) Carbazole	17.81	167	297352	37.29	ng	98
73) Di-n-butylphthalate	18.37	149	371029	37.98	ng	100
74) Fluoranthene	19.46	202	408866	37.31	ng	99
76) Benzidine	19.64	184	194218	38.19	ng	99
77) Pyrene	19.82	202	413967	37.30	ng	99
79) Butylbenzylphthalate	20.71	149	165454	36.59	ng	98
80) Benzo(a)anthracene	21.66	228	399892	37.64	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	148853	37.88	ng	99
82) Chrysene	21.73	228	373971	37.09	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	233247	37.13	ng	98
84) Di-n-octyl phthalate	22.79	149	410716	37.85	ng	100
85) Indeno(1,2,3-cd)pyrene	28.59	276	475089	38.72	ng	98
87) Benzo(b)fluoranthene	23.88	252	406956	38.71	ng	97
88) Benzo(k)fluoranthene	23.95	252	387744	37.36	ng	98
89) Benzo(a)pyrene	24.76	252	378240	38.09	ng	97
90) Dibenzo(a,h)anthracene	28.66	278	407366	38.20	ng	99
91) Benzo(g,h,i)perylene	29.74	276	377535	38.07	ng	97

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

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