Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
Data File : BG026370.D
Acq On : 22 Mar 2017 9:23
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/23/2017 2:06:48 PM

Quant Time: Mar 22 19:06:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	137002	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	601340	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	346032	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	810071	20.00	ng		0.00
75) Chrysene-d12	21.63	240	888838	20.00	ng		0.00
86) Perylene-d12	24.81	264	904564	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	628810	81.46	ng		0.00
7) Phenol-d6	7.20	99	828151	79.92	ng		0.00
23) Nitrobenzene-d5	9.20	82	758570	75.85	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	339304	85.63	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1979430	80.22	ng		0.00
78) Terphenyl-d14	19.98	244	2943350	80.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	138191	39.89	ng	#	68
3) Pyridine	3.90	79	374356	39.45	ng	#	60
4) n-Nitrosodimethylamine	3.82	42	94697	36.51	ng	#	1
6) Aniline	7.37	93	542750	39.21	ng	#	88
8) 2-Chlorophenol	7.61	128	355575	40.91	ng	#	79
9) Benzaldehyde	7.18	77	262081	37.46	ng	#	65
10) Phenol	7.23	94	433774	39.22	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	361415	39.85	ng	#	81
12) 1,3-Dichlorobenzene	7.94	146	425656	41.14	ng	#	84
13) 1,4-Dichlorobenzene	8.08	146	429459m	41.03	ng		
14) 1,2-Dichlorobenzene	8.40	146	406754	40.61	ng	#	90
15) Benzyl Alcohol	8.28	79	263165	38.73	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.57	45	349509	34.71	ng		77
17) 2-Methylphenol	8.48	107	315947	40.23	ng	#	79
18) Hexachloroethane	9.13	117	138633	40.50	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	252685	37.93	ng	#	68
20) 3+4-Methylphenols	8.81	107	442495	40.92	ng		84
22) Acetophenone	8.86	105	551667	39.89	ng	#	73
24) Nitrobenzene	9.24	77	370151	37.48	ng	#	71
25) Isophorone	9.77	82	723942	38.41	ng	#	89
26) 2-Nitrophenol	9.95	139	209450	40.76	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	343132	40.68	ng		84
28) bis(2-Chloroethoxy)methane	10.24	93	485612	39.66	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	356236	41.77	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	399935	41.74	ng		98
31) Naphthalene	10.89	128	1202123	39.54	ng		100
32) Benzoic acid	10.15	122	256263	39.49	ng	#	70
33) 4-Chloroaniline	10.99	127	498713	40.33	ng	#	81
34) Hexachlorobutadiene	11.18	225	234487	41.48	ng		98
35) Caprolactam	11.76	113	129128	38.42	ng	#	54
36) 4-Chloro-3-methylphenol	12.11	107	362826	39.77	ng	#	77
37) 2-Methylnaphthalene	12.49	142	894976	40.19	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	432451	41.54	ng		98
40) Hexachlorocyclopentadiene	12.84	237	230487	42.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	283704	41.62	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	315365	41.85	ng	#	90
45) 1,1'-Biphenyl	13.49	154	1141974	39.85	ng		98
46) 2-Chloronaphthalene	13.54	162	851461	40.68	ng		95
47) 2-Nitroaniline	13.73	65	220540	37.05	ng	#	53
48) Acenaphthylene	14.38	152	1458446	39.97	ng		99
49) Dimethylphthalate	14.10	163	1056097	40.44	ng		97
50) 2,6-Dinitrotoluene	14.22	165	257581	42.26	ng	#	59
51) Acenaphthene	14.72	154	903464	40.21	ng		98
52) 3-Nitroaniline	14.55	138	278711	41.53	ng	#	65
53) 2,4-Dinitrophenol	14.76	184	126154	35.68	ng	#	76
54) Dibenzofuran	15.05	168	1262683	39.91	ng		90
55) 4-Nitrophenol	14.85	139	221714	40.34	ng	#	38
56) 2,4-Dinitrotoluene	15.01	165	356671	41.60	ng	#	70
57) Fluorene	15.69	166	1136806	40.38	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	266399	40.54	ng	#	98
59) Diethylphthalate	15.45	149	1058162	39.64	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	553489	41.49	ng		87
61) 4-Nitroaniline	15.71	138	285609	40.23	ng	#	51
62) Azobenzene	15.97	77	812208	37.42	ng		80
64) 4,6-Dinitro-2-methylphenol	15.77	198	216686	42.43	ng		83
65) n-Nitrosodiphenylamine	15.89	169	963237	40.52	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	357828	42.92	ng		93
67) Hexachlorobenzene	16.70	284	382815	43.04	ng		91
68) Atrazine	16.83	200	364826	40.54	ng		97
69) Pentachlorophenol	17.04	266	236627	40.92	ng		97
70) Phenanthrene	17.43	178	1718577	39.51	ng		97
71) Anthracene	17.52	178	1770723	39.90	ng		99
72) Carbazole	17.79	167	1794042	39.26	ng	#	96
73) Di-n-butylphthalate	18.33	149	1830407	38.99	ng	#	94
74) Fluoranthene	19.42	202	2018586	39.46	ng		96
76) Benzidine	19.60	184	1150273	37.53	ng		99
77) Pyrene	19.79	202	2080051	40.42	ng		99
79) Butylbenzylphthalate	20.66	149	830458	40.33	ng	#	84
80) Benzo(a)anthracene	21.61	228	1996886	39.92	ng		98
81) 3,3'-Dichlorobenzidine	21.52	252	843623	41.20	ng	#	98
82) Chrysene	21.68	228	1899576	39.75	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1213464	39.01	ng		97
84) Di-n-octyl phthalate	22.70	149	2076784	39.13	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	2465797	41.79	ng	#	87
87) Benzo(b)fluoranthene	23.80	252	2134261	40.02	ng	#	96
88) Benzo(k)fluoranthene	23.87	252	2044343	39.53	ng	#	94
89) Benzo(a)pyrene	24.66	252	2022853	39.55	ng	#	94
90) Dibenzo(a,h)anthracene	28.50	278	2131497	41.24	ng	#	92
91) Benzo(g,h,i)perylene	29.58	276	2104149	40.40	ng	#	87

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

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