Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
Data File : BG026622.D
Acq On : 11 Apr 2017 18:28
Operator : SJ/MA
Sample : PB98177BSD
Misc : For Confirmation
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98177BSD

Manual Integrations APPROVED
mohammad
4/12/2017 5:13:03 PM

Quant Time: Apr 12 05:49:50 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	8.03	152	161560	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	689494	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	432419	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	1048716	20.00	ng		-0.01
75) Chrysene-d12	21.62	240	1156971	20.00	ng		-0.01
86) Perylene-d12	24.79	264	1147069	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	849683	93.35	ng		0.00
7) Phenol-d6	7.20	99	1136101	92.97	ng		0.00
23) Nitrobenzene-d5	9.19	82	886718	77.33	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	524857	105.99	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2494681	80.90	ng		-0.01
78) Terphenyl-d14	19.97	244	3455936	72.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	128867	31.54	ng	#	67
3) Pyridine	3.89	79	360818	32.25	ng	#	62
4) n-Nitrosodimethylamine	3.80	42	114445	37.42	ng	#	3
6) Aniline	7.36	93	545021	33.39	ng	#	85
8) 2-Chlorophenol	7.60	128	488398	47.65	ng	#	78
9) Benzaldehyde	7.17	77	97689	11.84	ng	#	68
10) Phenol	7.22	94	591420	45.35	ng	#	70
11) bis(2-Chloroethyl)ether	7.45	93	420924	39.36	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	507132	41.56	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	516743	41.87	ng	#	92
14) 1,2-Dichlorobenzene	8.39	146	492556	41.70	ng	#	91
15) Benzyl Alcohol	8.27	79	333885	41.67	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	8.56	45	399664	33.65	ng		79
17) 2-Methylphenol	8.47	107	416455	44.97	ng	#	82
18) Hexachloroethane	9.12	117	163394	40.48	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	305619	38.90	ng	#	69
20) 3+4-Methylphenols	8.80	107	580068	45.49	ng		87
22) Acetophenone	8.85	105	661034	41.69	ng	#	74
24) Nitrobenzene	9.23	77	447927	39.56	ng	#	71
25) Isophorone	9.76	82	880400	40.74	ng	#	88
26) 2-Nitrophenol	9.94	139	283187	48.07	ng	#	62
27) 2,4-Dimethylphenol	10.00	122	479748	49.61	ng		84
28) bis(2-Chloroethoxy)methane	10.23	93	587355	41.83	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	515326	52.69	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	502478	45.74	ng		99
31) Naphthalene	10.88	128	1443681	41.41	ng		100
32) Benzoic acid	10.14	122	303459	40.78	ng	#	70
33) 4-Chloroaniline	11.00	127	199833	14.09	ng	#	79
34) Hexachlorobutadiene	11.17	225	288652	44.53	ng		98
35) Caprolactam	11.75	113	182802m	47.44	ng		
36) 4-Chloro-3-methylphenol	12.11	107	503250	48.11	ng	#	74
37) 2-Methylnaphthalene	12.48	142	1139876	44.64	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	554215	42.60	ng		98
40) Hexachlorocyclopentadiene	12.83	237	653933	95.49	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	420670	49.38	ng		99
43) 2,4,5-Trichlorophenol	13.16	196	446378	47.41	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1484572	41.46	ng		98
46) 2-Chloronaphthalene	13.53	162	1125255	43.02	ng		95
47) 2-Nitroaniline	13.72	65	304169	40.89	ng	#	55
48) Acenaphthylene	14.37	152	1863654	40.87	ng		99
49) Dimethylphthalate	14.09	163	1492943	45.74	ng		99
50) 2,6-Dinitrotoluene	14.21	165	360060	47.27	ng	#	56
51) Acenaphthene	14.70	154	1171058	41.71	ng		98
52) 3-Nitroaniline	14.54	138	234434	27.95	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	443492	100.36	ng	#	74
54) Dibenzofuran	15.04	168	1827278	46.22	ng		90
55) 4-Nitrophenol	14.86	139	636870	92.72	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	516446	48.20	ng	#	64
57) Fluorene	15.68	166	1510475	42.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	430450	52.41	ng	#	95
59) Diethylphthalate	15.45	149	1492344	44.73	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	766820	46.00	ng		88
61) 4-Nitroaniline	15.70	138	402241	45.34	ng	#	50
62) Azobenzene	15.97	77	1173109	43.25	ng		76
64) 4,6-Dinitro-2-methylphenol	15.77	198	333186	50.39	ng		84
65) n-Nitrosodiphenylamine	15.88	169	1354676	44.01	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	524968	48.63	ng		94
67) Hexachlorobenzene	16.69	284	559102	48.56	ng		89
68) Atrazine	16.82	200	467241	40.10	ng		98
69) Pentachlorophenol	17.03	266	670487	89.56	ng		96
70) Phenanthrene	17.42	178	2357335	41.86	ng		99
71) Anthracene	17.51	178	2447774	42.60	ng		98
72) Carbazole	17.78	167	2320900	39.23	ng		97
73) Di-n-butylphthalate	18.32	149	2530005	41.63	ng	#	95
74) Fluoranthene	19.41	202	2767818	41.79	ng		97
76) Benzidine	19.59	184	1137081	28.51	ng		99
77) Pyrene	19.78	202	2800356	41.80	ng		97
79) Butylbenzylphthalate	20.65	149	1183608	44.16	ng	#	82
80) Benzo(a)anthracene	21.60	228	2741065	42.10	ng		98
81) 3,3'-Dichlorobenzidine	21.51	252	868283	32.58	ng		97
82) Chrysene	21.66	228	2498431	40.16	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	1665111	41.13	ng		95
84) Di-n-octyl phthalate	22.69	149	2849767	41.25	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.42	276	3545875	46.17	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	2963393	43.82	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	2821348	43.02	ng	#	96
89) Benzo(a)pyrene	24.65	252	2850463	43.95	ng	#	97
90) Dibenzo(a,h)anthracene	28.46	278	2964166	45.22	ng	#	93
91) Benzo(g,h,i)perylene	29.54	276	2942442	44.55	ng	#	88

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

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