Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026328.D
Acq On : 20 Mar 2017 15:50
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
3/21/2017 5:21:54 PM

Quant Time: Mar 20 16:25:56 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 15:49:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	121824	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	517144	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	298265	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	708139	20.00	ng		0.00
75) Chrysene-d12	21.64	240	776653	20.00	ng		0.00
86) Perylene-d12	24.82	264	773083	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	819688	117.14	ng		0.00
7) Phenol-d6	7.21	99	1095497	105.80	ng		0.00
23) Nitrobenzene-d5	9.21	82	1050258	128.16	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	418630	151.92	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2434115	142.60	ng		0.00
78) Terphenyl-d14	19.99	244	3496650	109.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	182628	57.11	ng	#	75
3) Pyridine	3.91	79	513995	53.94	ng	#	66
4) n-Nitrosodimethylamine	3.82	42	140387	40.96	ng	#	1
6) Aniline	7.37	93	736264	51.14	ng	#	90
8) 2-Chlorophenol	7.61	128	461745	55.52	ng		84
9) Benzaldehyde	7.18	77	370316	60.35	ng	#	69
10) Phenol	7.24	94	578768	51.44	ng	#	71
11) bis(2-Chloroethyl)ether	7.47	93	476622	51.53	ng		85
12) 1,3-Dichlorobenzene	7.94	146	547281	56.93	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	559831m	57.49	ng		
14) 1,2-Dichlorobenzene	8.41	146	529889	55.42	ng	#	90
15) Benzyl Alcohol	8.28	79	368403	48.59	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.58	45	523779	39.02	ng		86
17) 2-Methylphenol	8.49	107	419455	51.75	ng	#	81
18) Hexachloroethane	9.13	117	183490	56.85	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	351975	46.54	ng	#	70
20) 3+4-Methylphenols	8.82	107	583316	50.51	ng		86
22) Acetophenone	8.86	105	714231	57.56	ng	#	75
24) Nitrobenzene	9.25	77	514677	58.08	ng	#	76
25) Isophorone	9.77	82	979771	54.33	ng	#	90
26) 2-Nitrophenol	9.96	139	278889	67.30	ng	#	67
27) 2,4-Dimethylphenol	10.02	122	450648	58.27	ng		87
28) bis(2-Chloroethoxy)methane	10.24	93	635753	55.63	ng		98
29) 2,4-Dichlorophenol	10.50	162	458402	62.10	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	501175	62.43	ng		99
31) Naphthalene	10.90	128	1550943	58.01	ng		99
32) Benzoic acid	10.17	122	364262	61.69	ng	#	71
33) 4-Chloroaniline	11.00	127	649150	55.90	ng	#	83
34) Hexachlorobutadiene	11.18	225	296232	64.85	ng		98
35) Caprolactam	11.78	113	178407	59.85	ng	#	63
36) 4-Chloro-3-methylphenol	12.12	107	482412	54.62	ng	#	77
37) 2-Methylnaphthalene	12.50	142	1151511	56.55	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	540604	72.32	ng		98
40) Hexachlorocyclopentadiene	12.84	237	298908	73.07	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	358392	74.23	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	399167	72.83	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1455191	67.32	ng		99
46) 2-Chloronaphthalene	13.54	162	1071292	68.56	ng		98
47) 2-Nitroaniline	13.73	65	320067	64.58	ng	#	62
48) Acenaphthylene	14.38	152	1862913	66.96	ng		99
49) Dimethylphthalate	14.11	163	1338871	65.43	ng		98
50) 2,6-Dinitrotoluene	14.23	165	335639	73.02	ng	#	63
51) Acenaphthene	14.72	154	1158007	63.02	ng		99
52) 3-Nitroaniline	14.56	138	367708	71.52	ng	#	70
53) 2,4-Dinitrophenol	14.76	184	199608	82.99	ng	#	80
54) Dibenzofuran	15.05	168	1603876	65.47	ng		92
55) 4-Nitrophenol	14.86	139	307195	73.42	ng	#	40
56) 2,4-Dinitrotoluene	15.02	165	471447	76.24	ng	#	72
57) Fluorene	15.70	166	1434100	65.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	343247	70.99	ng	#	99
59) Diethylphthalate	15.46	149	1368476	64.66	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	681597	67.20	ng		92
61) 4-Nitroaniline	15.71	138	388191	72.83	ng	#	51
62) Azobenzene	15.98	77	1116856	61.39	ng		81
64) 4,6-Dinitro-2-methylphenol	15.78	198	288586	69.64	ng		85
65) n-Nitrosodiphenylamine	15.90	169	1230690	57.31	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	446650	60.18	ng		95
67) Hexachlorobenzene	16.70	284	463891	60.64	ng		93
68) Atrazine	16.84	200	471828	62.08	ng		97
69) Pentachlorophenol	17.04	266	315121	66.78	ng		97
70) Phenanthrene	17.43	178	2182158	56.77	ng		99
71) Anthracene	17.52	178	2257510	57.60	ng		98
72) Carbazole	17.79	167	2305563	58.56	ng		98
73) Di-n-butylphthalate	18.34	149	2384470	61.70	ng	#	95
74) Fluoranthene	19.43	202	2558692	60.45	ng		96
76) Benzidine	19.60	184	1607245	65.56	ng		97
77) Pyrene	19.79	202	2636258	53.67	ng		98
79) Butylbenzylphthalate	20.67	149	1087815	58.36	ng		85
80) Benzo(a)anthracene	21.62	228	2528519	55.76	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	1044818	64.64	ng	#	98
82) Chrysene	21.68	228	2418954	55.47	ng		98
83) Bis(2-ethylhexyl)phthalate	21.51	149	1600936	59.48	ng		97
84) Di-n-octyl phthalate	22.71	149	2778653	62.51	ng	#	83
85) Indeno(1,2,3-cd)pyrene	28.46	276	3169343	61.71	ng	#	95
87) Benzo(b)fluoranthene	23.82	252	2698798	58.29	ng	#	97
88) Benzo(k)fluoranthene	23.88	252	2629036	58.20	ng	#	95
89) Benzo(a)pyrene	24.68	252	2597863	59.25	ng	#	95
90) Dibenzo(a,h)anthracene	28.52	278	2659378	60.38	ng	#	92
91) Benzo(g,h,i)perylene	29.60	276	2678982	60.66	ng	#	86

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

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