Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
Data File : BG027391.D
Acq On : 13 Jun 2017 18:21
Operator : SJ/MA
Sample : PB99729BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Manual Integrations APPROVED
mohammad
6/14/2017 4:24:04 PM

Quant Time: Jun 14 07:17:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	52199	20.00	ng		-0.03
21) Naphthalene-d8	11.36	136	237889	20.00	ng		-0.04
38) Acenaphthene-d10	15.12	164	144462	20.00	ng		-0.04
63) Phenanthrene-d10	17.87	188	353003	20.00	ng		-0.04
75) Chrysene-d12	22.25	240	428826	20.00	ng		-0.06
86) Perylene-d12	25.93	264	400560	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	509767	149.02	ng		-0.02
7) Phenol-d6	7.68	99	709521	141.30	ng		-0.02
23) Nitrobenzene-d5	9.71	82	391105	103.39	ng		-0.03
41) 2,4,6-Tribromophenol	16.61	330	288535	151.68	ng		-0.04
44) 2-Fluorobiphenyl	13.75	172	875263	84.76	ng		-0.04
78) Terphenyl-d14	20.44	244	1493153	88.82	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	4.15	88	58349	41.14	ng	#	87
3) Pyridine	4.53	79	178956	40.93	ng	#	80
4) n-Nitrosodimethylamine	4.44	42	79885	49.34	ng	#	51
6) Aniline	7.88	93	234952	37.16	ng		96
8) 2-Chlorophenol	8.11	128	172923	47.87	ng		95
9) Benzaldehyde	7.69	77	65054	18.74	ng		90
10) Phenol	7.71	94	252074	49.09	ng		79
11) bis(2-Chloroethyl)ether	7.95	93	184617	43.83	ng		90
12) 1,3-Dichlorobenzene	8.44	146	167514	41.12	ng		94
13) 1,4-Dichlorobenzene	8.58	146	171622	41.05	ng		98
14) 1,2-Dichlorobenzene	8.90	146	164536	40.35	ng		94
15) Benzyl Alcohol	8.77	79	157083	44.40	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	9.05	45	298135	49.46	ng		94
17) 2-Methylphenol	8.96	107	162376	44.73	ng	#	88
18) Hexachloroethane	9.63	117	61159	43.42	ng		87
19) n-Nitroso-di-n-propylamine	9.33	70	150424	42.82	ng	#	87
20) 3+4-Methylphenols	9.28	107	220944	43.94	ng		89
22) Acetophenone	9.36	105	264465	43.47	ng	#	84
24) Nitrobenzene	9.75	77	210769	48.91	ng		90
25) Isophorone	10.27	82	400728	45.05	ng	#	97
26) 2-Nitrophenol	10.46	139	81968	46.42	ng	#	83
27) 2,4-Dimethylphenol	10.50	122	180406	47.17	ng		92
28) bis(2-Chloroethoxy)methane	10.73	93	246660	42.83	ng		99
29) 2,4-Dichlorophenol	11.00	162	158164	45.30	ng		98
30) 1,2,4-Trichlorobenzene	11.21	180	157189	40.66	ng		97
31) Naphthalene	11.41	128	518498	39.88	ng		99
32) Benzoic acid	10.61	122	105092	41.11	ng	#	90
33) 4-Chloroaniline	11.51	127	62261	11.49	ng	#	91
34) Hexachlorobutadiene	11.68	225	96377	40.56	ng		99
35) Caprolactam	12.28	113	63608m	53.12	ng		
36) 4-Chloro-3-methylphenol	12.58	107	205512	46.97	ng		96
37) 2-Methylnaphthalene	12.98	142	373919	39.43	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	183445	40.76	ng		98
40) Hexachlorocyclopentadiene	13.31	237	251699	105.08	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	127752	46.80	ng		96
43) 2,4,5-Trichlorophenol	13.64	196	143126	46.86	ng		97
45) 1,1'-Biphenyl	13.96	154	490264	41.58	ng		94
46) 2-Chloronaphthalene	14.01	162	369866	41.84	ng		97
47) 2-Nitroaniline	14.20	65	144774	56.22	ng		95
48) Acenaphthylene	14.85	152	603964	40.37	ng		97
49) Dimethylphthalate	14.56	163	505478	44.11	ng		97
50) 2,6-Dinitrotoluene	14.68	165	104448	45.23	ng		86
51) Acenaphthene	15.19	154	449436	46.18	ng		99
52) 3-Nitroaniline	15.02	138	78604	34.07	ng		87
53) 2,4-Dinitrophenol	15.22	184	124996	100.09	ng		94
54) Dibenzofuran	15.52	168	599934	44.11	ng		93
55) 4-Nitrophenol	15.30	139	208167	94.93	ng	#	61
56) 2,4-Dinitrotoluene	15.47	165	150548	50.18	ng	#	91
57) Fluorene	16.17	166	494605	40.95	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.73	232	138599	50.83	ng		97
59) Diethylphthalate	15.91	149	526329	46.05	ng		98
60) 4-Chlorophenyl-phenylether	16.14	204	251656	41.36	ng		98
61) 4-Nitroaniline	16.18	138	128526	51.52	ng	#	72
62) Azobenzene	16.44	77	567381	53.56	ng		90
64) 4,6-Dinitro-2-methylphenol	16.23	198	84605	52.26	ng		87
65) n-Nitrosodiphenylamine	16.36	169	453124	40.94	ng		99
66) 4-Bromophenyl-phenylether	17.04	248	168956	40.44	ng		95
67) Hexachlorobenzene	17.17	284	184447	41.04	ng		91
68) Atrazine	17.30	200	166481	44.98	ng		96
69) Pentachlorophenol	17.51	266	240115	91.15	ng		95
70) Phenanthrene	17.92	178	828871	41.73	ng		95
71) Anthracene	18.01	178	840905	42.26	ng		98
72) Carbazole	18.27	167	770519	41.06	ng		96
73) Di-n-butylphthalate	18.79	149	939525	51.63	ng	#	94
74) Fluoranthene	19.90	202	991411	46.73	ng		93
76) Benzidine	20.07	184	517631	40.07	ng		98
77) Pyrene	20.27	202	1017656	39.28	ng		97
79) Butylbenzylphthalate	21.14	149	429356	46.90	ng		96
80) Benzo(a)anthracene	22.23	228	1041853	42.60	ng		95
81) 3,3'-Dichlorobenzidine	22.13	252	253175	26.61	ng	#	98
82) Chrysene	22.31	228	974829	41.52	ng		96
83) Bis(2-ethylhexyl)phthalate	22.08	149	617251	44.61	ng		98
84) Di-n-octyl phthalate	23.45	149	1055521	46.06	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.15	276	1226555	43.14	ng	#	94
87) Benzo(b)fluoranthene	24.75	252	1050503	42.29	ng	#	97
88) Benzo(k)fluoranthene	24.83	252	1039180	42.64	ng	#	93
89) Benzo(a)pyrene	25.75	252	1011385	43.25	ng	#	94
90) Dibenzo(a,h)anthracene	30.23	278	1053332	43.03	ng	#	95
91) Benzo(g,h,i)perylene	31.48	276	996096	42.01	ng	#	91

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

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