Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027300.D
Acq On : 8 Jun 2017 1:50
Operator : SJ/MA
Sample : I3479-14MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MS

Manual Integrations APPROVED
mohammad
6/8/2017 2:23:02 PM

Quant Time: Jun 08 07:22:14 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	8.56	152	50542	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	249560	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	162357	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	362898	20.00	ng		-0.02
75) Chrysene-d12	22.27	240	418411	20.00	ng		-0.04
86) Perylene-d12	25.96	264	382109	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	618952	186.87	ng		-0.01
7) Phenol-d6	7.70	99	897273	184.55	ng		0.00
23) Nitrobenzene-d5	9.72	82	498280	125.57	ng		-0.02
41) 2,4,6-Tribromophenol	16.63	330	366438	171.40	ng		-0.02
44) 2-Fluorobiphenyl	13.77	172	1154090	99.44	ng		-0.02
78) Terphenyl-d14	20.46	244	1516898	92.48	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.15	88	56757	41.33	ng	#	82
3) Pyridine	4.54	79	180818	42.71	ng	#	76
4) n-Nitrosodimethylamine	4.44	42	84417	53.85	ng	#	53
6) Aniline	7.88	93	290092	47.38	ng		94
8) 2-Chlorophenol	8.13	128	219484	62.76	ng		91
9) Benzaldehyde	7.70	77	110784	32.96	ng		83
10) Phenol	7.72	94	340598	68.50	ng		77
11) bis(2-Chloroethyl)ether	7.97	93	215187	52.76	ng		88
12) 1,3-Dichlorobenzene	8.45	146	198153	50.23	ng		94
13) 1,4-Dichlorobenzene	8.60	146	201996	49.90	ng		96
14) 1,2-Dichlorobenzene	8.92	146	198140	50.18	ng		94
15) Benzyl Alcohol	8.78	79	219017	63.94	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.07	45	340949	58.42	ng		94
17) 2-Methylphenol	8.97	107	214743	61.10	ng	#	87
18) Hexachloroethane	9.65	117	73049	53.57	ng		85
19) n-Nitroso-di-n-propylamine	9.35	70	191082	56.18	ng	#	86
20) 3+4-Methylphenols	9.30	107	294096	60.41	ng		89
22) Acetophenone	9.38	105	338830	53.09	ng	#	84
24) Nitrobenzene	9.76	77	263959	58.39	ng	#	88
25) Isophorone	10.29	82	523225	56.07	ng	#	97
26) 2-Nitrophenol	10.48	139	114224	59.30	ng	#	78
27) 2,4-Dimethylphenol	10.52	122	245890	61.29	ng		94
28) bis(2-Chloroethoxy)methane	10.76	93	325950	53.95	ng		99
29) 2,4-Dichlorophenol	11.01	162	223227	60.95	ng		99
30) 1,2,4-Trichlorobenzene	11.23	180	206119	50.82	ng		98
31) Naphthalene	11.43	128	686591	50.34	ng		99
32) Benzoic acid	10.57	122	20708	14.24	ng		89
33) 4-Chloroaniline	11.53	127	148829	26.19	ng	#	90
34) Hexachlorobutadiene	11.70	225	118344	47.48	ng		98
35) Caprolactam	12.30	113	78226m	62.28	ng		
36) 4-Chloro-3-methylphenol	12.60	107	276500	60.23	ng		94
37) 2-Methylnaphthalene	13.00	142	511615	51.42	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	247041	48.84	ng		98
40) Hexachlorocyclopentadiene	13.33	237	305488	113.48	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	180313	58.78	ng		96
43) 2,4,5-Trichlorophenol	13.65	196	196845	57.34	ng		96
45) 1,1'-Biphenyl	13.98	154	674415	50.89	ng		96
46) 2-Chloronaphthalene	14.03	162	517735	52.11	ng		99
47) 2-Nitroaniline	14.22	65	180823	61.72	ng	#	86
48) Acenaphthylene	14.86	152	832686	49.52	ng		99
49) Dimethylphthalate	14.58	163	873587	67.83	ng		98
50) 2,6-Dinitrotoluene	14.70	165	143458	54.03	ng	#	81
51) Acenaphthene	15.21	154	548792	50.17	ng		98
52) 3-Nitroaniline	15.03	138	108732	40.61	ng		90
53) 2,4-Dinitrophenol	15.23	184	77590	66.71	ng		98
54) Dibenzofuran	15.53	168	806654	52.78	ng		93
55) 4-Nitrophenol	15.32	139	256883	103.63	ng	#	55
56) 2,4-Dinitrotoluene	15.49	165	198236	57.59	ng	#	84
57) Fluorene	16.19	166	655424	48.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.75	232	183075	59.74	ng		98
59) Diethylphthalate	15.93	149	682015	53.09	ng		98
60) 4-Chlorophenyl-phenylether	16.16	204	335379	49.04	ng		96
61) 4-Nitroaniline	16.20	138	159558	56.29	ng	#	65
62) Azobenzene	16.46	77	698402	58.66	ng		90
64) 4,6-Dinitro-2-methylphenol	16.25	198	97538	56.76	ng		87
65) n-Nitrosodiphenylamine	16.38	169	592571	52.08	ng		99
66) 4-Bromophenyl-phenylether	17.06	248	218285	50.82	ng		94
67) Hexachlorobenzene	17.19	284	233870	50.62	ng		91
68) Atrazine	17.32	200	213661	56.16	ng		98
69) Pentachlorophenol	17.53	266	289404	106.87	ng		97
70) Phenanthrene	17.93	178	1033742	50.63	ng		96
71) Anthracene	18.03	178	1047529	51.21	ng		98
72) Carbazole	18.29	167	929779	48.19	ng		96
73) Di-n-butylphthalate	18.82	149	1082515	57.86	ng	#	94
74) Fluoranthene	19.92	202	1146782	52.58	ng		94
76) Benzidine	20.09	184	605054	48.00	ng		98
77) Pyrene	20.29	202	1168943	46.24	ng		97
79) Butylbenzylphthalate	21.17	149	494231	55.33	ng		94
80) Benzo(a)anthracene	22.26	228	1172382	49.13	ng		96
81) 3,3'-Dichlorobenzidine	22.15	252	270093	29.10	ng		97
82) Chrysene	22.33	228	1091994	47.67	ng		96
83) Bis(2-ethylhexyl)phthalate	22.11	149	720297	53.36	ng		100
84) Di-n-octyl phthalate	23.50	149	1217779	54.47	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1380776	49.77	ng	#	93
87) Benzo(b)fluoranthene	24.78	252	1195667	50.45	ng	#	96
88) Benzo(k)fluoranthene	24.86	252	1159811	49.89	ng	#	95
89) Benzo(a)pyrene	25.79	252	1132799	50.78	ng	#	94
90) Dibenzo(a,h)anthracene	30.30	278	1180953	50.57	ng	#	95
91) Benzo(g,h,i)perylene	31.56	276	1117918	49.43	ng	#	89

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

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