Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG062217\
Data File : BG027600.D
Acq On : 22 Jun 2017 17:35
Operator : SJ/JU
Sample : PB100021BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100021BS

Manual Integrations APPROVED
mohammad
6/26/2017 8:29:35 AM

Quant Time: Jun 23 02:29:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19683	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	96348	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	62762	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	174052	20.00	ng		0.00
75) Chrysene-d12	22.21	240	194186	20.00	ng		0.00
86) Perylene-d12	25.84	264	182120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	203347	147.03	ng		0.00
7) Phenol-d6	7.64	99	285749	139.57	ng		0.00
23) Nitrobenzene-d5	9.67	82	179623	88.22	ng		0.00
41) 2,4,6-Tribromophenol	16.57	330	151043	161.43	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	413549	90.01	ng		0.00
78) Terphenyl-d14	20.41	244	793964	96.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	18739	34.90	ng	#	91
3) Pyridine	4.47	79	57873	33.29	ng	#	80
4) n-Nitrosodimethylamine	4.38	42	34769	43.83	ng	#	77
6) Aniline	7.83	93	84896	33.98	ng		95
8) 2-Chlorophenol	8.07	128	71478	48.85	ng		92
9) Benzaldehyde	7.65	77	42525	30.57	ng		92
10) Phenol	7.67	94	98771	47.36	ng		91
11) bis(2-Chloroethyl)ether	7.91	93	65505	40.13	ng		90
12) 1,3-Dichlorobenzene	8.40	146	65127	42.16	ng		95
13) 1,4-Dichlorobenzene	8.54	146	66909	42.90	ng		99
14) 1,2-Dichlorobenzene	8.86	146	64976	42.40	ng		95
15) Benzyl Alcohol	8.73	79	78696	48.14	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.01	45	97948	36.16	ng		92
17) 2-Methylphenol	8.92	107	65686	44.76	ng		95
18) Hexachloroethane	9.59	117	26478	43.30	ng		87
19) n-Nitroso-di-n-propylamine	9.29	70	64579	39.71	ng	#	85
20) 3+4-Methylphenols	9.25	107	89874	44.73	ng		94
22) Acetophenone	9.32	105	113758	43.05	ng	#	92
24) Nitrobenzene	9.71	77	91790	41.13	ng		93
25) Isophorone	10.23	82	171848	41.08	ng		98
26) 2-Nitrophenol	10.42	139	36366	44.05	ng		97
27) 2,4-Dimethylphenol	10.46	122	75031	48.13	ng		99
28) bis(2-Chloroethoxy)methane	10.70	93	97701	41.44	ng		99
29) 2,4-Dichlorophenol	10.96	162	69349	51.50	ng		98
30) 1,2,4-Trichlorobenzene	11.18	180	67799	44.04	ng		95
31) Naphthalene	11.37	128	220299	42.30	ng		99
32) Benzoic acid	10.58	122	49498	45.13	ng		93
33) 4-Chloroaniline	11.47	127	30819	13.95	ng	#	88
34) Hexachlorobutadiene	11.65	225	42452	45.63	ng		97
35) Caprolactam	12.24	113	29997m	47.80	ng		
36) 4-Chloro-3-methylphenol	12.55	107	103676	50.20	ng		97
37) 2-Methylnaphthalene	12.94	142	167354	44.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	88261	44.84	ng	#	97
40) Hexachlorocyclopentadiene	13.27	237	118007	111.86	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	63484	49.92	ng		96
43) 2,4,5-Trichlorophenol	13.60	196	72979	48.83	ng		98
45) 1,1'-Biphenyl	13.92	154	226500	43.28	ng		100
46) 2-Chloronaphthalene	13.98	162	171207	43.99	ng		96
47) 2-Nitroaniline	14.17	65	79126	45.28	ng		94
48) Acenaphthylene	14.82	152	287837	42.20	ng		98
49) Dimethylphthalate	14.52	163	260929	47.48	ng		98
50) 2,6-Dinitrotoluene	14.65	165	58334	48.92	ng		92
51) Acenaphthene	15.15	154	189287	39.83	ng		98
52) 3-Nitroaniline	14.99	138	32572	25.88	ng		99
53) 2,4-Dinitrophenol	15.19	184	72479	107.54	ng	#	80
54) Dibenzofuran	15.49	168	296762	47.95	ng		94
55) 4-Nitrophenol	15.28	139	103380	98.10	ng	#	83
56) 2,4-Dinitrotoluene	15.44	165	86780	51.32	ng	#	94
57) Fluorene	16.13	166	258804	44.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.71	232	74138	56.34	ng		91
59) Diethylphthalate	15.88	149	290567	48.46	ng		97
60) 4-Chlorophenyl-phenylether	16.11	204	133669	46.34	ng		93
61) 4-Nitroaniline	16.15	138	65254	47.25	ng		89
62) Azobenzene	16.40	77	294979	47.98	ng		94
64) 4,6-Dinitro-2-methylphenol	16.20	198	51321	46.43	ng		84
65) n-Nitrosodiphenylamine	16.33	169	237106	44.44	ng		98
66) 4-Bromophenyl-phenylether	17.01	248	87878	45.91	ng	#	90
67) Hexachlorobenzene	17.14	284	93966	45.93	ng		98
68) Atrazine	17.26	200	92181	47.16	ng		97
69) Pentachlorophenol	17.48	266	121568	95.67	ng		97
70) Phenanthrene	17.88	178	444216	44.86	ng		93
71) Anthracene	17.97	178	446576	44.80	ng		97
72) Carbazole	18.24	167	391071	40.27	ng		95
73) Di-n-butylphthalate	18.76	149	499659	45.92	ng	#	95
74) Fluoranthene	19.87	202	515660	44.70	ng		95
76) Benzidine	20.04	184	206237	43.27	ng		96
77) Pyrene	20.24	202	528583	44.78	ng		95
79) Butylbenzylphthalate	21.11	149	228324	46.34	ng		95
80) Benzo(a)anthracene	22.19	228	522385	44.84	ng		93
81) 3,3'-Dichlorobenzidine	22.08	252	115588	27.44	ng		95
82) Chrysene	22.26	228	485852	44.01	ng		94
83) Bis(2-ethylhexyl)phthalate	22.03	149	323562	44.80	ng		98
84) Di-n-octyl phthalate	23.39	149	558447	46.49	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.02	276	597210	47.47	ng	#	91
87) Benzo(b)fluoranthene	24.68	252	525236	45.11	ng	#	98
88) Benzo(k)fluoranthene	24.75	252	506249	44.44	ng	#	93
89) Benzo(a)pyrene	25.67	252	501197	45.61	ng	#	93
90) Dibenzo(a,h)anthracene	30.10	278	507460	45.34	ng	#	97
91) Benzo(g,h,i)perylene	31.36	276	489604	45.03	ng	#	92

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

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