Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027217.D
Acq On : 5 Jun 2017 17:56
Operator : SJ/MA
Sample : PB99459BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99459BS

Manual Integrations APPROVED
mohammad
6/6/2017 5:14:04 PM

Quant Time: Jun 06 04:28:09 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	8.58	152	49201	20.00	ng		0.00
21) Naphthalene-d8	11.40	136	250358	20.00	ng		0.00
38) Acenaphthene-d10	15.16	164	174699	20.00	ng		0.00
63) Phenanthrene-d10	17.91	188	416578	20.00	ng		0.00
75) Chrysene-d12	22.31	240	426542	20.00	ng		0.00
86) Perylene-d12	26.01	264	400551	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	530121	164.42	ng		0.00
7) Phenol-d6	7.71	99	752122	158.91	ng		0.00
23) Nitrobenzene-d5	9.74	82	379713	95.38	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	359916	156.45	ng		0.00
44) 2-Fluorobiphenyl	13.79	172	1104193	88.42	ng		0.00
78) Terphenyl-d14	20.49	244	1542063	92.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	42935	32.11	ng	#	80
3) Pyridine	4.55	79	134808	32.71	ng	#	71
4) n-Nitrosodimethylamine	4.45	42	65171	42.71	ng	#	58
6) Aniline	7.90	93	227533	38.18	ng	#	91
8) 2-Chlorophenol	8.14	128	182425	53.58	ng		88
9) Benzaldehyde	7.72	77	95536	29.19	ng		81
10) Phenol	7.74	94	265115	54.78	ng	#	75
11) bis(2-Chloroethyl)ether	7.98	93	171125	43.10	ng		84
12) 1,3-Dichlorobenzene	8.46	146	160044	41.68	ng	#	90
13) 1,4-Dichlorobenzene	8.61	146	165937	42.11	ng		96
14) 1,2-Dichlorobenzene	8.93	146	163803	42.61	ng		91
15) Benzyl Alcohol	8.80	79	177591	53.26	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.08	45	250375	44.07	ng		91
17) 2-Methylphenol	8.99	107	180980	52.90	ng	#	86
18) Hexachloroethane	9.66	117	56330	42.43	ng		86
19) n-Nitroso-di-n-propylamine	9.37	70	149816	45.25	ng	#	83
20) 3+4-Methylphenols	9.31	107	249058	52.55	ng		87
22) Acetophenone	9.39	105	282296	44.09	ng	#	82
24) Nitrobenzene	9.78	77	203282	44.82	ng	#	85
25) Isophorone	10.31	82	423163	45.21	ng	#	96
26) 2-Nitrophenol	10.49	139	85294	45.98	ng	#	76
27) 2,4-Dimethylphenol	10.53	122	214344	53.26	ng		90
28) bis(2-Chloroethoxy)methane	10.77	93	271049	44.72	ng		99
29) 2,4-Dichlorophenol	11.03	162	196807	53.56	ng		97
30) 1,2,4-Trichlorobenzene	11.25	180	176653	43.42	ng		98
31) Naphthalene	11.45	128	582922	42.60	ng		99
32) Benzoic acid	10.66	122	134357	48.22	ng	#	81
33) 4-Chloroaniline	11.54	127	110436	19.37	ng	#	87
34) Hexachlorobutadiene	11.72	225	102585	41.03	ng		97
35) Caprolactam	12.33	113	71720m	56.91	ng		
36) 4-Chloro-3-methylphenol	12.61	107	242665	52.69	ng		91
37) 2-Methylnaphthalene	13.01	142	446714	44.76	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	222992	40.97	ng		97
40) Hexachlorocyclopentadiene	13.35	237	290206	100.19	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	164400	49.80	ng		95
43) 2,4,5-Trichlorophenol	13.66	196	177613	48.08	ng		94
45) 1,1'-Biphenyl	13.99	154	615575	43.17	ng		97
46) 2-Chloronaphthalene	14.05	162	459920	43.02	ng		99
47) 2-Nitroaniline	14.23	65	138737	45.97	ng	#	74
48) Acenaphthylene	14.89	152	764590	42.26	ng		98
49) Dimethylphthalate	14.60	163	655570	47.30	ng		98
50) 2,6-Dinitrotoluene	14.72	165	131457	46.85	ng	#	77
51) Acenaphthene	15.22	154	547357	46.51	ng		99
52) 3-Nitroaniline	15.05	138	80323	29.67	ng		85
53) 2,4-Dinitrophenol	15.25	184	133420	92.06	ng		97
54) Dibenzofuran	15.56	168	768242	46.71	ng		91
55) 4-Nitrophenol	15.33	139	244944	92.53	ng	#	53
56) 2,4-Dinitrotoluene	15.50	165	182045	50.17	ng	#	85
57) Fluorene	16.20	166	633433	43.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.77	232	181232	54.96	ng		99
59) Diethylphthalate	15.96	149	671921	48.61	ng		98
60) 4-Chlorophenyl-phenylether	16.18	204	331099	45.00	ng		94
61) 4-Nitroaniline	16.21	138	141646	47.47	ng	#	65
62) Azobenzene	16.48	77	637989	49.80	ng		89
64) 4,6-Dinitro-2-methylphenol	16.26	198	95610	50.64	ng		92
65) n-Nitrosodiphenylamine	16.40	169	580429	44.44	ng		99
66) 4-Bromophenyl-phenylether	17.08	248	220012	44.62	ng		95
67) Hexachlorobenzene	17.21	284	233425	44.02	ng		91
68) Atrazine	17.34	200	210341	48.16	ng		95
69) Pentachlorophenol	17.55	266	292355	94.05	ng		97
70) Phenanthrene	17.95	178	1026604	43.80	ng		96
71) Anthracene	18.04	178	1048065	44.64	ng		98
72) Carbazole	18.31	167	904576	40.84	ng		96
73) Di-n-butylphthalate	18.84	149	1014192	47.23	ng	#	94
74) Fluoranthene	19.94	202	1089278	43.50	ng		95
76) Benzidine	20.11	184	372580	29.00	ng		97
77) Pyrene	20.30	202	1124433	43.63	ng		98
79) Butylbenzylphthalate	21.20	149	428905	47.10	ng		91
80) Benzo(a)anthracene	22.28	228	1081797	44.47	ng		95
81) 3,3'-Dichlorobenzidine	22.17	252	223771	23.65	ng	#	99
82) Chrysene	22.36	228	1015841	43.50	ng		97
83) Bis(2-ethylhexyl)phthalate	22.15	149	623620	45.32	ng		99
84) Di-n-octyl phthalate	23.55	149	1067112	46.82	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.29	276	1284038	45.40	ng	#	94
87) Benzo(b)fluoranthene	24.83	252	1094138	44.04	ng	#	96
88) Benzo(k)fluoranthene	24.90	252	1092088	44.81	ng	#	93
89) Benzo(a)pyrene	25.84	252	1064161	45.51	ng	#	94
90) Dibenzo(a,h)anthracene	30.37	278	1097495	44.83	ng	#	94
91) Benzo(g,h,i)perylene	31.64	276	1054972	44.50	ng	#	90

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

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