Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021700.D
Acq On : 16 Apr 2016 00:34
Operator : UM/SJ
Sample : H2559-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Manual Integrations APPROVED
Sohil
4/18/2016 7:20:13 PM

Quant Time: Apr 16 03:38:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	26965	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	119337	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	81712	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	208239	20.00	ng		0.00
75) Chrysene-d12	21.84	240	229108	20.00	ng		0.00
86) Perylene-d12	25.16	264	225079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	234167	144.61	ng		0.01
7) Phenol-d6	7.38	99	321840	133.06	ng		0.02
23) Nitrobenzene-d5	9.39	82	218459	94.09	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	154130	175.02	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	510228	91.49	ng		0.00
78) Terphenyl-d14	20.14	244	848650	92.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	24438	33.90	ng	#	51
3) Pyridine	4.05	79	72488	33.51	ng		94
4) n-Nitrosodimethylamine	3.95	42	43545	40.62	ng	#	90
6) Aniline	7.53	93	40983	12.81	ng		95
8) 2-Chlorophenol	7.78	128	88211	45.44	ng		95
9) Benzaldehyde	7.35	77	28547	20.41	ng		92
10) Phenol	7.41	94	109927	42.26	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	85297	40.97	ng		91
12) 1,3-Dichlorobenzene	8.10	146	86652	39.97	ng		97
13) 1,4-Dichlorobenzene	8.25	146	89721	40.65	ng		94
14) 1,2-Dichlorobenzene	8.57	146	86378	40.79	ng		98
15) Benzyl Alcohol	8.46	79	90183	48.79	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	168720	37.83	ng		98
17) 2-Methylphenol	8.66	107	81104	45.09	ng		96
18) Hexachloroethane	9.30	117	32725	40.74	ng	#	76
19) n-Nitroso-di-n-propylamine	9.02	70	76905	40.92	ng		95
20) 3+4-Methylphenols	8.99	107	115995	47.13	ng		94
22) Acetophenone	9.04	105	140592	42.30	ng	#	97
24) Nitrobenzene	9.43	77	108233	43.54	ng		97
25) Isophorone	9.95	82	216200	42.55	ng		99
26) 2-Nitrophenol	10.14	139	50362	53.06	ng		96
27) 2,4-Dimethylphenol	10.20	122	93347	43.30	ng		99
28) bis(2-Chloroethoxy)methane	10.43	93	123847	45.87	ng		90
29) 2,4-Dichlorophenol	10.68	162	95852	52.15	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	88066	44.56	ng		93
31) Naphthalene	11.08	128	285993	44.78	ng	#	94
32) Benzoic acid	10.26	122	6035	9.77	ng		88
33) 4-Chloroaniline	11.19	127	8202	2.97	ng	#	92
34) Hexachlorobutadiene	11.36	225	55538	43.56	ng		98
35) Caprolactam	11.98	113	35671m	42.41	ng		
36) 4-Chloro-3-methylphenol	12.30	107	117089	50.66	ng		95
37) 2-Methylnaphthalene	12.67	142	211253	48.18	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	105797	41.43	ng		98
40) Hexachlorocyclopentadiene	13.00	237	127504	89.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	80237	49.27	ng		99
43) 2,4,5-Trichlorophenol	13.35	196	86650	49.31	ng		98
45) 1,1'-Biphenyl	13.66	154	281467	40.88	ng		96
46) 2-Chloronaphthalene	13.71	162	214787	42.20	ng		99
47) 2-Nitroaniline	13.91	65	87293	50.02	ng		95
48) Acenaphthylene	14.55	152	365376	43.42	ng		97
49) Dimethylphthalate	14.27	163	317331	44.92	ng		99
50) 2,6-Dinitrotoluene	14.39	165	69180	51.35	ng		98
51) Acenaphthene	14.89	154	240985	44.79	ng		98
52) 3-Nitroaniline	14.73	138	18926	12.67	ng		93
53) 2,4-Dinitrophenol	14.93	184	24261	49.91	ng		92
54) Dibenzofuran	15.22	168	364662	49.64	ng		99
55) 4-Nitrophenol	15.04	139	108424	84.76	ng		97
56) 2,4-Dinitrotoluene	15.18	165	103178	56.67	ng		96
57) Fluorene	15.87	166	305184	46.52	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	81604	55.97	ng		98
59) Diethylphthalate	15.63	149	343380	46.57	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	149084	46.13	ng		97
61) 4-Nitroaniline	15.88	138	80261	48.82	ng		97
62) Azobenzene	16.14	77	315166	49.87	ng		100
64) 4,6-Dinitro-2-methylphenol	15.93	198	27760	33.81	ng		97
65) n-Nitrosodiphenylamine	16.07	169	285192	45.66	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	101836	45.65	ng		99
67) Hexachlorobenzene	16.86	284	107335	45.57	ng		98
68) Atrazine	17.01	200	116714	47.32	ng		98
69) Pentachlorophenol	17.21	266	72492	53.91	ng		94
70) Phenanthrene	17.61	178	530583	46.23	ng		98
71) Anthracene	17.69	178	530686	45.55	ng		97
72) Carbazole	17.96	167	496875	45.69	ng		98
73) Di-n-butylphthalate	18.50	149	615012	44.46	ng		98
74) Fluoranthene	19.60	202	603850	44.06	ng		100
76) Benzidine	19.77	184	93269	13.08	ng		97
77) Pyrene	19.96	202	615573	46.60	ng		100
79) Butylbenzylphthalate	20.83	149	279213	45.53	ng		99
80) Benzo(a)anthracene	21.81	228	610480	46.30	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	57697	5.53	ng		97
82) Chrysene	21.88	228	554760	43.80	ng		99
83) Bis(2-ethylhexyl)phthalate	21.69	149	399564	44.55	ng		100
84) Di-n-octyl phthalate	22.95	149	693392	46.15	ng		99
85) Indeno(1,2,3-cd)pyrene	28.99	276	695795	46.20	ng	#	96
87) Benzo(b)fluoranthene	24.10	252	614191	47.03	ng		98
88) Benzo(k)fluoranthene	24.17	252	583778	45.71	ng		99
89) Benzo(a)pyrene	25.01	252	587457	46.43	ng		98
90) Dibenzo(a,h)anthracene	29.06	278	589238	46.44	ng		98
91) Benzo(g,h,i)perylene	30.18	276	569430	45.74	ng		96

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

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