Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021714.D
Acq On : 16 Apr 2016 12:43
Operator : UM/SJ
Sample : H2559-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
4/18/2016 7:21:36 PM

Quant Time: Apr 18 02:20:32 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	8.21	152	25475	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	117806	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	76237	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	182526	20.00	ng		0.00
75) Chrysene-d12	21.83	240	194876	20.00	ng		0.00
86) Perylene-d12	25.17	264	194772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	248603	162.51	ng		0.01
7) Phenol-d6	7.37	99	358220	156.76	ng		0.02
23) Nitrobenzene-d5	9.39	82	223554	97.54	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	149474	181.92	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	469766	90.28	ng		0.00
78) Terphenyl-d14	20.15	244	685152	87.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	24026	35.28	ng	#	83
3) Pyridine	4.04	79	77428	37.89	ng		92
4) n-Nitrosodimethylamine	3.95	42	43403	42.86	ng	#	77
6) Aniline	7.54	93	41486	13.73	ng		97
8) 2-Chlorophenol	7.79	128	93499	50.98	ng		95
9) Benzaldehyde	7.35	77	26019	19.69	ng		93
10) Phenol	7.40	94	126474	51.46	ng		96
11) bis(2-Chloroethyl)ether	7.63	93	87336	44.40	ng		91
12) 1,3-Dichlorobenzene	8.10	146	93031	45.42	ng		95
13) 1,4-Dichlorobenzene	8.25	146	96633	46.34	ng		96
14) 1,2-Dichlorobenzene	8.57	146	93088	46.53	ng		98
15) Benzyl Alcohol	8.45	79	94417	54.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.74	45	171918	40.80	ng		99
17) 2-Methylphenol	8.65	107	86323	50.80	ng		94
18) Hexachloroethane	9.31	117	35557	46.85	ng	#	81
19) n-Nitroso-di-n-propylamine	9.02	70	78170	44.03	ng		95
20) 3+4-Methylphenols	8.98	107	118209	50.84	ng		97
22) Acetophenone	9.04	105	143564	43.75	ng	#	99
24) Nitrobenzene	9.43	77	113384	46.20	ng		97
25) Isophorone	9.95	82	214142	42.69	ng		98
26) 2-Nitrophenol	10.14	139	52398	55.93	ng		97
27) 2,4-Dimethylphenol	10.19	122	92085	43.27	ng		99
28) bis(2-Chloroethoxy)methane	10.42	93	123985	46.51	ng		93
29) 2,4-Dichlorophenol	10.68	162	97854	53.93	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	95413	48.90	ng		92
31) Naphthalene	11.09	128	297378	47.17	ng	#	95
32) Benzoic acid	10.26	122	4970	8.89	ng		98
33) 4-Chloroaniline	11.19	127	29525	10.82	ng		95
34) Hexachlorobutadiene	11.36	225	59486	47.27	ng		98
35) Caprolactam	11.96	113	36794m	44.31	ng		
36) 4-Chloro-3-methylphenol	12.30	107	114962	50.38	ng		98
37) 2-Methylnaphthalene	12.67	142	218246	50.43	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	111479	46.79	ng		99
40) Hexachlorocyclopentadiene	13.01	237	92045	69.55	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	80107	52.73	ng		97
43) 2,4,5-Trichlorophenol	13.34	196	87404	53.31	ng		96
45) 1,1'-Biphenyl	13.67	154	282435	43.97	ng		97
46) 2-Chloronaphthalene	13.71	162	222063	46.76	ng		99
47) 2-Nitroaniline	13.91	65	83810	51.47	ng		98
48) Acenaphthylene	14.55	152	366166	46.64	ng		97
49) Dimethylphthalate	14.27	163	346243	52.53	ng		99
50) 2,6-Dinitrotoluene	14.39	165	65832	52.38	ng		98
51) Acenaphthene	14.89	154	233408	46.50	ng		98
52) 3-Nitroaniline	14.72	138	38325	27.50	ng		100
53) 2,4-Dinitrophenol	14.92	184	20348	45.62	ng		95
54) Dibenzofuran	15.22	168	355463	51.87	ng		99
55) 4-Nitrophenol	15.04	139	121639	101.91	ng		97
56) 2,4-Dinitrotoluene	15.18	165	96244	56.66	ng		98
57) Fluorene	15.86	166	294465	48.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	82460	60.62	ng		99
59) Diethylphthalate	15.62	149	306371	44.53	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	142236	47.18	ng		98
61) 4-Nitroaniline	15.89	138	67176	43.80	ng		99
62) Azobenzene	16.15	77	295040	50.04	ng		99
64) 4,6-Dinitro-2-methylphenol	15.94	198	32159	42.95	ng		95
65) n-Nitrosodiphenylamine	16.07	169	266550	48.69	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	95463	48.82	ng		97
67) Hexachlorobenzene	16.86	284	101997	49.41	ng		95
68) Atrazine	17.00	200	103058	47.67	ng		99
69) Pentachlorophenol	17.21	266	112915	95.81	ng		96
70) Phenanthrene	17.60	178	466007	46.32	ng		99
71) Anthracene	17.70	178	474258	46.44	ng		98
72) Carbazole	17.96	167	440357	46.20	ng		98
73) Di-n-butylphthalate	18.50	149	523384	43.17	ng		98
74) Fluoranthene	19.59	202	519018	43.21	ng		99
76) Benzidine	19.77	184	203515	33.54	ng		98
77) Pyrene	19.96	202	528770	47.06	ng		99
79) Butylbenzylphthalate	20.82	149	238098	45.65	ng		99
80) Benzo(a)anthracene	21.82	228	527236	47.01	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	51858	5.84	ng		100
82) Chrysene	21.89	228	481959	44.73	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	351682	46.10	ng		100
84) Di-n-octyl phthalate	22.95	149	608085	47.58	ng		100
85) Indeno(1,2,3-cd)pyrene	29.00	276	603795	47.14	ng	#	95
87) Benzo(b)fluoranthene	24.11	252	526056	46.55	ng		98
88) Benzo(k)fluoranthene	24.18	252	501996	45.43	ng		99
89) Benzo(a)pyrene	25.02	252	507042	46.31	ng		97
90) Dibenzo(a,h)anthracene	29.07	278	510507	46.50	ng		99
91) Benzo(g,h,i)perylene	30.20	276	482844	44.82	ng		95

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

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