Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021626.D
Acq On : 13 Apr 2016 18:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
4/14/2016 5:29:34 PM

Quant Time: Apr 14 02:19:45 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	28170	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	132680	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	82296	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	194258	20.00	ng		0.00
75) Chrysene-d12	21.83	240	234676	20.00	ng		0.00
86) Perylene-d12	25.16	264	231476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	134115	79.28	ng		0.00
7) Phenol-d6	7.36	99	202860	80.28	ng		0.00
23) Nitrobenzene-d5	9.39	82	201924	78.22	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	74420	83.91	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	445099	79.24	ng		0.00
78) Terphenyl-d14	20.15	244	743676	79.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	30488	40.49	ng		92
3) Pyridine	4.04	79	86849	38.44	ng		90
4) n-Nitrosodimethylamine	3.95	42	42271	37.75	ng	#	89
6) Aniline	7.54	93	132165	39.55	ng		95
8) 2-Chlorophenol	7.78	128	79515	39.21	ng		97
9) Benzaldehyde	7.35	77	53878	36.87	ng		90
10) Phenol	7.39	94	109768	40.39	ng		97
11) bis(2-Chloroethyl)ether	7.63	93	84782	38.98	ng		91
12) 1,3-Dichlorobenzene	8.11	146	87989	38.85	ng		98
13) 1,4-Dichlorobenzene	8.26	146	92218	39.99	ng		96
14) 1,2-Dichlorobenzene	8.58	146	86469	39.09	ng		99
15) Benzyl Alcohol	8.45	79	77042	39.90	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	180035	38.64	ng		97
17) 2-Methylphenol	8.65	107	74925	39.87	ng		91
18) Hexachloroethane	9.31	117	33089	39.43	ng	#	74
19) n-Nitroso-di-n-propylamine	9.02	70	74970	38.18	ng		95
20) 3+4-Methylphenols	8.97	107	102247	39.77	ng		96
22) Acetophenone	9.04	105	141726	38.35	ng	#	99
24) Nitrobenzene	9.43	77	108162	39.13	ng		97
25) Isophorone	9.95	82	212126	37.55	ng		99
26) 2-Nitrophenol	10.14	139	41123	38.97	ng		98
27) 2,4-Dimethylphenol	10.19	122	90762	37.86	ng		97
28) bis(2-Chloroethoxy)methane	10.43	93	113823	37.92	ng		92
29) 2,4-Dichlorophenol	10.67	162	81141	39.71	ng		98
30) 1,2,4-Trichlorobenzene	10.89	180	86286	39.26	ng		92
31) Naphthalene	11.09	128	276222	38.90	ng	#	96
32) Benzoic acid	10.30	122	61094m	45.39	ng		
33) 4-Chloroaniline	11.19	127	119109	38.75	ng		99
34) Hexachlorobutadiene	11.37	225	54816	38.67	ng		98
35) Caprolactam	11.95	113	36432	38.96	ng		94
36) 4-Chloro-3-methylphenol	12.28	107	101871	39.64	ng		99
37) 2-Methylnaphthalene	12.67	142	192799	39.55	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	103365	40.19	ng		99
40) Hexachlorocyclopentadiene	13.01	237	58124	40.68	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	66239	40.39	ng		96
43) 2,4,5-Trichlorophenol	13.33	196	73175	41.35	ng		98
45) 1,1'-Biphenyl	13.67	154	276437	39.87	ng		97
46) 2-Chloronaphthalene	13.71	162	203163	39.63	ng		99
47) 2-Nitroaniline	13.90	65	71377	40.61	ng		97
48) Acenaphthylene	14.55	152	337524	39.82	ng		97
49) Dimethylphthalate	14.28	163	278849	39.19	ng		99
50) 2,6-Dinitrotoluene	14.40	165	57184	42.15	ng		97
51) Acenaphthene	14.89	154	217349	40.11	ng		99
52) 3-Nitroaniline	14.72	138	62538	41.56	ng		94
53) 2,4-Dinitrophenol	14.92	184	18969	40.41	ng	#	84
54) Dibenzofuran	15.22	168	297643	40.23	ng		100
55) 4-Nitrophenol	15.01	139	56240	43.65	ng		96
56) 2,4-Dinitrotoluene	15.17	165	78564	42.84	ng		98
57) Fluorene	15.87	166	264349	40.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	60890	41.47	ng		98
59) Diethylphthalate	15.63	149	290275	39.08	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	127751	39.25	ng		97
61) 4-Nitroaniline	15.88	138	69569	42.02	ng		98
62) Azobenzene	16.15	77	255295	40.11	ng		98
64) 4,6-Dinitro-2-methylphenol	15.93	198	31628	40.10	ng		96
65) n-Nitrosodiphenylamine	16.06	169	230905	39.63	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	82405	39.59	ng		98
67) Hexachlorobenzene	16.86	284	87386	39.77	ng		98
68) Atrazine	17.00	200	94528	41.09	ng		98
69) Pentachlorophenol	17.20	266	53093	42.33	ng		93
70) Phenanthrene	17.60	178	428955	40.07	ng		99
71) Anthracene	17.70	178	436265	40.14	ng		99
72) Carbazole	17.96	167	410253	40.44	ng		99
73) Di-n-butylphthalate	18.51	149	524823	40.67	ng		98
74) Fluoranthene	19.59	202	525644	41.12	ng		99
76) Benzidine	19.77	184	298692	40.88	ng		98
77) Pyrene	19.95	202	539579	39.87	ng		99
79) Butylbenzylphthalate	20.83	149	253358	40.33	ng		98
80) Benzo(a)anthracene	21.82	228	540607	40.03	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	423806	39.64	ng		98
82) Chrysene	21.89	228	514922	39.69	ng		99
83) Bis(2-ethylhexyl)phthalate	21.71	149	365676	39.80	ng		99
84) Di-n-octyl phthalate	22.97	149	624794	40.60	ng		100
85) Indeno(1,2,3-cd)pyrene	28.98	276	623557	40.42	ng	#	93
87) Benzo(b)fluoranthene	24.11	252	544800	40.56	ng		99
88) Benzo(k)fluoranthene	24.18	252	520838	39.66	ng		99
89) Benzo(a)pyrene	25.01	252	513081	39.43	ng		99
90) Dibenzo(a,h)anthracene	29.05	278	520447	39.89	ng		98
91) Benzo(g,h,i)perylene	30.18	276	512353	40.02	ng		99

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

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