Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021660.D
Acq On : 14 Apr 2016 19:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/15/2016 4:44:46 PM

Quant Time: Apr 15 01:59:46 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	31699	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	151531	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	94587	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	220627	20.00	ng		0.00
75) Chrysene-d12	21.83	240	255869	20.00	ng		0.00
86) Perylene-d12	25.15	264	248293	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	152533	80.13	ng		0.00
7) Phenol-d6	7.36	99	233168	82.00	ng		0.00
23) Nitrobenzene-d5	9.38	82	235677	79.94	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	86740	85.09	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	505504	78.30	ng		0.00
78) Terphenyl-d14	20.14	244	800776	78.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	32274	38.09	ng		87
3) Pyridine	4.04	79	98245	38.64	ng	#	90
4) n-Nitrosodimethylamine	3.95	42	47819	37.95	ng	#	84
6) Aniline	7.54	93	145416	38.67	ng		94
8) 2-Chlorophenol	7.78	128	91891	40.27	ng		95
9) Benzaldehyde	7.35	77	61191	37.22	ng		92
10) Phenol	7.39	94	125327	40.98	ng		96
11) bis(2-Chloroethyl)ether	7.63	93	95206	38.90	ng		93
12) 1,3-Dichlorobenzene	8.11	146	99538	39.06	ng		97
13) 1,4-Dichlorobenzene	8.25	146	101828	39.25	ng		94
14) 1,2-Dichlorobenzene	8.57	146	98235	39.47	ng		98
15) Benzyl Alcohol	8.45	79	86830	39.96	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.74	45	201998	38.53	ng		99
17) 2-Methylphenol	8.65	107	85965	40.66	ng		93
18) Hexachloroethane	9.31	117	37017	39.20	ng	#	75
19) n-Nitroso-di-n-propylamine	9.02	70	85618	38.75	ng		96
20) 3+4-Methylphenols	8.97	107	119620	41.34	ng		94
22) Acetophenone	9.04	105	159691	37.84	ng	#	98
24) Nitrobenzene	9.43	77	123734	39.20	ng		95
25) Isophorone	9.95	82	237183	36.76	ng		99
26) 2-Nitrophenol	10.13	139	51733	42.93	ng		97
27) 2,4-Dimethylphenol	10.18	122	104811	38.29	ng		99
28) bis(2-Chloroethoxy)methane	10.43	93	129548	37.79	ng		93
29) 2,4-Dichlorophenol	10.67	162	95387	40.87	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	98707	39.33	ng		93
31) Naphthalene	11.09	128	312112	38.49	ng	#	96
32) Benzoic acid	10.31	122	73532m	47.20	ng		
33) 4-Chloroaniline	11.19	127	136626	38.92	ng		99
34) Hexachlorobutadiene	11.36	225	63908	39.48	ng		94
35) Caprolactam	11.96	113	39304	36.80	ng		95
36) 4-Chloro-3-methylphenol	12.28	107	119192	40.61	ng		100
37) 2-Methylnaphthalene	12.67	142	221007	39.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	117539	39.76	ng		97
40) Hexachlorocyclopentadiene	13.01	237	68920	41.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	78424	41.61	ng	97
43) 2,4,5-Trichlorophenol	13.33	196	87275	42.91	ng	98
45) 1,1'-Biphenyl	13.66	154	312947	39.27	ng	97
46) 2-Chloronaphthalene	13.71	162	235310	39.94	ng	99
47) 2-Nitroaniline	13.90	65	83346	41.25	ng	97
48) Acenaphthylene	14.55	152	387732	39.80	ng	99
49) Dimethylphthalate	14.27	163	314352	38.44	ng	99
50) 2,6-Dinitrotoluene	14.39	165	66395	42.58	ng	97
51) Acenaphthene	14.89	154	249795	40.11	ng	99
52) 3-Nitroaniline	14.72	138	72171	41.73	ng	100
53) 2,4-Dinitrophenol	14.92	184	24047	43.81	ng	96
54) Dibenzofuran	15.22	168	338161	39.77	ng	100
55) 4-Nitrophenol	15.01	139	63374	42.80	ng	98
56) 2,4-Dinitrotoluene	15.17	165	95310	45.22	ng	98
57) Fluorene	15.86	166	299771	39.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	72020	42.68	ng	98
59) Diethylphthalate	15.62	149	328431	38.48	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	148815	39.78	ng	99
61) 4-Nitroaniline	15.88	138	78852	41.44	ng	95
62) Azobenzene	16.15	77	287977	39.37	ng	97
64) 4,6-Dinitro-2-methylphenol	15.93	198	41077	45.08	ng	97
65) n-Nitrosodiphenylamine	16.06	169	262595	39.68	ng	96
66) 4-Bromophenyl-phenylether	16.74	248	96334	40.76	ng	99
67) Hexachlorobenzene	16.86	284	101971	40.86	ng	95
68) Atrazine	17.00	200	103396	39.57	ng	98
69) Pentachlorophenol	17.20	266	61084	42.88	ng	93
70) Phenanthrene	17.60	178	483621	39.77	ng	99
71) Anthracene	17.69	178	489482	39.65	ng	98
72) Carbazole	17.96	167	449012	38.97	ng	99
73) Di-n-butylphthalate	18.50	149	571826	39.02	ng	99
74) Fluoranthene	19.59	202	575382	39.63	ng	99
76) Benzidine	19.76	184	311461	39.10	ng	98
77) Pyrene	19.95	202	580123	39.32	ng	99
79) Butylbenzylphthalate	20.82	149	269783	39.39	ng	97
80) Benzo(a)anthracene	21.81	228	574805	39.04	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	455182	39.05	ng	99
82) Chrysene	21.88	228	548379	38.76	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	390043	38.94	ng	99
84) Di-n-octyl phthalate	22.96	149	663481	39.54	ng	100
85) Indeno(1,2,3-cd)pyrene	28.97	276	670910	39.89	ng	100
87) Benzo(b)fluoranthene	24.10	252	561447	38.97	ng	98
88) Benzo(k)fluoranthene	24.17	252	566303	40.20	ng	99
89) Benzo(a)pyrene	25.00	252	551366	39.50	ng	97
90) Dibenzo(a,h)anthracene	29.04	278	561737	40.14	ng	97
91) Benzo(g,h,i)perylene	30.17	276	546348	39.78	ng	99

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

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