Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026347.D
Acq On : 21 Mar 2017 4:16
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/21/2017 5:22:33 PM

Quant Time: Mar 21 05:33:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	125397	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	559662	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	330231	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	781490	20.00	ng		0.00
75) Chrysene-d12	21.64	240	832490	20.00	ng		0.00
86) Perylene-d12	24.82	264	832223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	573014	81.11	ng		0.00
7) Phenol-d6	7.21	99	788162	83.10	ng		0.00
23) Nitrobenzene-d5	9.21	82	737324	79.22	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	316652	83.73	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1873342	79.55	ng		0.00
78) Terphenyl-d14	19.98	244	2790336	81.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	122116	38.51	ng	#	73
3) Pyridine	3.91	79	348078	40.08	ng	#	62
4) n-Nitrosodimethylamine	3.82	42	90552	38.15	ng	#	1
6) Aniline	7.37	93	519039	40.96	ng	#	88
8) 2-Chlorophenol	7.61	128	326298	41.02	ng	#	81
9) Benzaldehyde	7.18	77	255194	39.85	ng	#	66
10) Phenol	7.23	94	415619	41.06	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	333753	40.21	ng	#	82
12) 1,3-Dichlorobenzene	7.94	146	386378	40.80	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	391066m	40.82	ng		
14) 1,2-Dichlorobenzene	8.40	146	376244	41.04	ng	#	91
15) Benzyl Alcohol	8.28	79	255820	41.14	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.57	45	339906	36.88	ng		84
17) 2-Methylphenol	8.48	107	298601	41.54	ng	#	80
18) Hexachloroethane	9.13	117	126087	40.25	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	244732	40.14	ng	#	70
20) 3+4-Methylphenols	8.81	107	419889	42.43	ng	#	85
22) Acetophenone	8.86	105	516205	40.11	ng	#	74
24) Nitrobenzene	9.25	77	357483	38.90	ng	#	73
25) Isophorone	9.77	82	696636	39.71	ng	#	88
26) 2-Nitrophenol	9.96	139	201017	42.04	ng	#	64
27) 2,4-Dimethylphenol	10.02	122	323215	41.18	ng		87
28) bis(2-Chloroethoxy)methane	10.25	93	455703	39.99	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	332725	41.91	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	363135	40.72	ng		99
31) Naphthalene	10.90	128	1133318	40.05	ng		99
32) Benzoic acid	10.15	122	253454	41.96	ng	#	71
33) 4-Chloroaniline	11.00	127	477521	41.49	ng	#	83
34) Hexachlorobutadiene	11.19	225	212209	40.34	ng		98
35) Caprolactam	11.76	113	126357	40.40	ng	#	59
36) 4-Chloro-3-methylphenol	12.11	107	347270	40.90	ng	#	76
37) 2-Methylnaphthalene	12.50	142	854822	41.24	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	404877	40.75	ng		98
40) Hexachlorocyclopentadiene	12.84	237	211413	40.42	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	268445	41.26	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	295142	41.04	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1097951	40.15	ng		98
46) 2-Chloronaphthalene	13.54	162	802585	40.18	ng		96
47) 2-Nitroaniline	13.73	65	224553	39.53	ng	#	59
48) Acenaphthylene	14.38	152	1403971	40.32	ng		99
49) Dimethylphthalate	14.11	163	1002643	40.23	ng		99
50) 2,6-Dinitrotoluene	14.22	165	245634	42.22	ng	#	61
51) Acenaphthene	14.72	154	850586	39.67	ng		98
52) 3-Nitroaniline	14.55	138	262731	41.02	ng	#	70
53) 2,4-Dinitrophenol	14.76	184	135588	40.18	ng	#	77
54) Dibenzofuran	15.05	168	1216229	40.29	ng		90
55) 4-Nitrophenol	14.86	139	218915	41.74	ng	#	40
56) 2,4-Dinitrotoluene	15.01	165	341808	41.78	ng	#	70
57) Fluorene	15.70	166	1075667	40.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	256442	40.89	ng	#	97
59) Diethylphthalate	15.46	149	1015443	39.86	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	516207	40.55	ng		89
61) 4-Nitroaniline	15.71	138	279273	41.22	ng	#	52
62) Azobenzene	15.97	77	799967	38.62	ng		80
64) 4,6-Dinitro-2-methylphenol	15.77	198	209122	42.44	ng		84
65) n-Nitrosodiphenylamine	15.90	169	925244	40.34	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	340429	42.32	ng		95
67) Hexachlorobenzene	16.70	284	351445	40.96	ng		90
68) Atrazine	16.84	200	352471	40.59	ng		97
69) Pentachlorophenol	17.04	266	224658	40.27	ng		96
70) Phenanthrene	17.43	178	1654397	39.42	ng		97
71) Anthracene	17.52	178	1722682	40.23	ng		99
72) Carbazole	17.78	167	1732581	39.30	ng	#	97
73) Di-n-butylphthalate	18.34	149	1765938	38.99	ng	#	93
74) Fluoranthene	19.43	202	1946550	39.44	ng		95
76) Benzidine	19.60	184	1119010	38.99	ng		99
77) Pyrene	19.79	202	2001336	41.52	ng		99
79) Butylbenzylphthalate	20.66	149	787149	40.81	ng	#	83
80) Benzo(a)anthracene	21.61	228	1896954	40.49	ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	771607	40.23	ng	#	98
82) Chrysene	21.68	228	1800251	40.22	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1151774	39.54	ng		98
84) Di-n-octyl phthalate	22.71	149	1983360	39.89	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.45	276	2294188	41.51	ng	#	88
87) Benzo(b)fluoranthene	23.81	252	1986477	40.49	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	1940762	40.79	ng	#	94
89) Benzo(a)pyrene	24.67	252	1903932	40.46	ng	#	94
90) Dibenzo(a,h)anthracene	28.51	278	1934439	40.68	ng	#	93
91) Benzo(g,h,i)perylene	29.58	276	1948652	40.67	ng	#	88

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

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