Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021218\
Data File : BG032652.D
Acq On : 12 Feb 2018 16:29
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/14/2018 10:36:27 AM

Quant Time: Feb 12 18:02:05 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 16:45:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	32218	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	140334	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	99784	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	248386	20.00	ng		0.00
75) Chrysene-d12	22.37	240	300589	20.00	ng		0.00
86) Perylene-d12	26.02	264	320394	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	282855	96.55	ng		0.00
7) Phenol-d6	7.80	99	372807	91.79	ng		0.00
23) Nitrobenzene-d5	9.88	82	376595	86.23	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	259537	85.25	ng		0.00
44) 2-Fluorobiphenyl	13.94	172	1239721	77.31	ng		0.00
78) Terphenyl-d14	20.59	244	1945126	72.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	52337	77.57	ng	#	78
3) Pyridine	4.24	79	151542	95.54	ng	#	87
4) n-Nitrosodimethylamine	4.15	42	71392	104.08	ng	#	76
6) Aniline	7.97	93	228272	89.44	ng		94
8) 2-Chlorophenol	8.22	128	160970	88.50	ng		87
9) Benzaldehyde	7.78	77	92081m	69.39	ng		
10) Phenol	7.82	94	181643	91.06	ng		87
11) bis(2-Chloroethyl)ether	8.06	93	150243	100.42	ng		84
12) 1,3-Dichlorobenzene	8.56	146	212243	81.75	ng		98
13) 1,4-Dichlorobenzene	8.71	146	213498	83.50	ng		95
14) 1,2-Dichlorobenzene	9.04	146	209867	81.02	ng		99
15) Benzyl Alcohol	8.91	79	148414	100.80	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.20	45	151493	82.60	ng		78
17) 2-Methylphenol	9.11	107	129426	92.44	ng	#	93
18) Hexachloroethane	9.79	117	76797	82.04	ng	#	82
19) n-Nitroso-di-n-propylamine	9.49	70	126703	86.89	ng	#	93
20) 3+4-Methylphenols	9.45	107	190180	90.09	ng		92
22) Acetophenone	9.52	105	258111	87.66	ng	#	94
24) Nitrobenzene	9.92	77	190729	82.93	ng		94
25) Isophorone	10.44	82	338106	80.37	ng	#	86
26) 2-Nitrophenol	10.64	139	100310	85.77	ng	#	83
27) 2,4-Dimethylphenol	10.68	122	143009	89.53	ng		96
28) bis(2-Chloroethoxy)methane	10.92	93	174599	87.59	ng		94
29) 2,4-Dichlorophenol	11.18	162	201188	92.54	ng		92
30) 1,2,4-Trichlorobenzene	11.41	180	272230	81.95	ng		99
31) Naphthalene	11.60	128	543313	79.69	ng		99
33) 4-Chloroaniline	11.71	127	228795	90.81	ng		96
34) Hexachlorobutadiene	11.86	225	211425	76.97	ng		94
35) Caprolactam	12.49	113	56362	100.00	ng	#	56
36) 4-Chloro-3-methylphenol	12.79	107	188339	89.57	ng		87
37) 2-Methylnaphthalene	13.17	142	443956	80.38	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	376705	79.92	ng	#	96
40) Hexachlorocyclopentadiene	13.50	237	248242	83.91	ng		89
42) 2,4,6-Trichlorophenol	13.76	196	202394	87.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.83	196	239938	87.33	ng	#	92
45) 1,1'-Biphenyl	14.15	154	669738	81.84	ng		95
46) 2-Chloronaphthalene	14.20	162	522088	80.42	ng		98
47) 2-Nitroaniline	14.40	65	125432	90.40	ng	#	81
48) Acenaphthylene	15.04	152	775859	81.37	ng		99
49) Dimethylphthalate	14.75	163	687322	79.63	ng	#	98
50) 2,6-Dinitrotoluene	14.88	165	148819	84.44	ng	#	81
51) Acenaphthene	15.38	154	543327	83.80	ng		96
52) 3-Nitroaniline	15.21	138	130706	89.47	ng	#	79
53) 2,4-Dinitrophenol	15.41	184	77598	122.01	ng	#	69
54) Dibenzofuran	15.71	168	771674	79.37	ng		98
55) 4-Nitrophenol	15.50	139	92673	93.53	ng	#	76
56) 2,4-Dinitrotoluene	15.66	165	211038	87.36	ng	#	73
57) Fluorene	16.35	166	632139	79.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.92	232	230014	83.93	ng	#	84
59) Diethylphthalate	16.09	149	668094	79.54	ng		95
60) 4-Chlorophenyl-phenylether	16.33	204	416561	78.83	ng		94
61) 4-Nitroaniline	16.38	138	132705	89.47	ng	#	77
62) Azobenzene	16.62	77	437731	81.38	ng		85
64) 4,6-Dinitro-2-methylphenol	16.42	198	151079	92.97	ng	#	72
65) n-Nitrosodiphenylamine	16.55	169	582350	79.93	ng		97
66) 4-Bromophenyl-phenylether	17.22	248	289932	81.83	ng		96
67) Hexachlorobenzene	17.35	284	300976	78.64	ng	#	92
68) Atrazine	17.47	200	248325	79.39	ng		96
69) Pentachlorophenol	17.69	266	208231	91.16	ng		98
70) Phenanthrene	18.09	178	1040955	77.69	ng		99
71) Anthracene	18.18	178	1065330	77.71	ng		99
72) Carbazole	18.44	167	929602	79.84	ng		99
73) Di-n-butylphthalate	18.95	149	1057298	80.78	ng		99
74) Fluoranthene	20.06	202	1371204	76.50	ng		94
76) Benzidine	20.22	184	562889	79.45	ng	#	94
77) Pyrene	20.42	202	1396003	77.75	ng		97
79) Butylbenzylphthalate	21.27	149	491283	83.99	ng	#	80
80) Benzo(a)anthracene	22.35	228	1473684	78.03	ng		98
81) 3,3'-Dichlorobenzidine	22.25	252	563909	80.27	ng	#	94
82) Chrysene	22.43	228	1429593	76.56	ng		97
83) Bis(2-ethylhexyl)phthalate	22.19	149	702289	83.13	ng	#	98
84) Di-n-octyl phthalate	23.55	149	1128445	85.50	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.26	276	1831742	83.90	ng	#	83
87) Benzo(b)fluoranthene	24.85	252	1568748	82.53	ng	#	96
88) Benzo(k)fluoranthene	24.93	252	1542354	77.74	ng	#	96
89) Benzo(a)pyrene	25.85	252	1512539	81.54	ng	#	96
90) Dibenzo(a,h)anthracene	30.34	278	1520879	82.49	ng	#	93
91) Benzo(g,h,i)perylene	31.59	276	1485782	83.52	ng	#	92

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

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