Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032577.D
Acq On : 6 Feb 2018 22:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc : MDL-W-8 ppm
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:44 PM

Quant Time: Feb 07 04:06:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	21898	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	93548	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	65334	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	157021	20.00	ng		0.00
75) Chrysene-d12	22.40	240	203939	20.00	ng		0.00
86) Perylene-d12	26.07	264	234809	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	87365	80.13	ng		0.00
7) Phenol-d6	7.83	99	112423	77.28	ng		0.00
23) Nitrobenzene-d5	9.91	82	114234	76.27	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	108223	87.02	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	435013	79.14	ng		0.00
78) Terphenyl-d14	20.61	244	740496	77.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	13614	37.114	ng	#	70
3) Pyridine	4.25	79	37188	37.546	ng	#	76
4) n-Nitrosodimethylamine	4.17	42	17315	33.582	ng	#	70
6) Aniline	8.00	93	71690	39.523	ng		94
8) 2-Chlorophenol	8.25	128	44328	34.397	ng		84
9) Benzaldehyde	7.81	77	25836	34.383	ng		88
10) Phenol	7.86	94	55137	39.909	ng		93
11) bis(2-Chloroethyl)ether	8.09	93	34958	33.208	ng	#	75
12) 1,3-Dichlorobenzene	8.60	146	67990m	39.011	ng		
13) 1,4-Dichlorobenzene	8.74	146	71805	41.106	ng		94
14) 1,2-Dichlorobenzene	9.07	146	70032	40.926	ng		92
15) Benzyl Alcohol	8.95	79	44948	37.487	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.24	45	38209	38.304	ng		65
17) 2-Methylphenol	9.15	107	43061	38.376	ng		95
18) Hexachloroethane	9.82	117	21642	36.901	ng	#	81
19) n-Nitroso-di-n-propylamine	9.52	70	34323	35.582	ng	#	91
20) 3+4-Methylphenols	9.49	107	59045	37.514	ng		99
22) Acetophenone	9.55	105	80644	36.775	ng	#	90
24) Nitrobenzene	9.95	77	53996	37.283	ng	#	86
25) Isophorone	10.47	82	79298	31.095	ng	#	87
26) 2-Nitrophenol	10.68	139	28528	32.586	ng	#	74
27) 2,4-Dimethylphenol	10.72	122	38109	30.328	ng		97
28) bis(2-Chloroethoxy)methane	10.95	93	52350	37.435	ng	#	95
29) 2,4-Dichlorophenol	11.22	162	56952	34.213	ng		93
30) 1,2,4-Trichlorobenzene	11.44	180	80652	36.352	ng		94
31) Naphthalene	11.63	128	183311	40.121	ng		97
32) Benzoic acid	10.85	122	28176	32.780	ng	#	68
33) 4-Chloroaniline	11.74	127	73374	36.006	ng	#	92
34) Hexachlorobutadiene	11.90	225	65379	37.876	ng		95
35) Caprolactam	12.48	113	17415	36.443	ng	#	43
36) 4-Chloro-3-methylphenol	12.82	107	48890	30.963	ng	#	84
37) 2-Methylnaphthalene	13.20	142	146677	38.213	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.55	216	112480	36.800	ng	#	96
40) Hexachlorocyclopentadiene	13.53	237	73882	38.687	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	61614	37.060	ng		97
43) 2,4,5-Trichlorophenol	13.87	196	72414	37.364	ng	#	92
45) 1,1'-Biphenyl	14.18	154	218474	39.580	ng		92
46) 2-Chloronaphthalene	14.24	162	171515	39.645	ng		97
47) 2-Nitroaniline	14.42	65	35749	37.366	ng	#	86
48) Acenaphthylene	15.07	152	256284	39.185	ng		99
49) Dimethylphthalate	14.77	163	218588	36.286	ng	#	98
50) 2,6-Dinitrotoluene	14.91	165	47788	37.795	ng	#	76
51) Acenaphthene	15.41	154	183366	40.426	ng		98
52) 3-Nitroaniline	15.25	138	44011	39.851	ng	#	64
53) 2,4-Dinitrophenol	15.43	184	31660	42.161	ng	#	66
54) Dibenzofuran	15.73	168	259785	38.696	ng		97
55) 4-Nitrophenol	15.53	139	30598	37.008	ng	#	78
56) 2,4-Dinitrotoluene	15.68	165	66771	37.090	ng	#	70
57) Fluorene	16.38	166	220152	39.463	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.95	232	69886	36.561	ng	#	88
59) Diethylphthalate	16.12	149	224930	38.337	ng		96
60) 4-Chlorophenyl-phenylether	16.36	204	136869	38.907	ng		98
61) 4-Nitroaniline	16.40	138	47068	39.763	ng	#	80
62) Azobenzene	16.65	77	138205	39.417	ng		83
64) 4,6-Dinitro-2-methylphenol	16.45	198	47609	40.586	ng	#	73
65) n-Nitrosodiphenylamine	16.57	169	206805	44.132	ng		97
66) 4-Bromophenyl-phenylether	17.25	248	99707	42.862	ng		95
67) Hexachlorobenzene	17.37	284	116578	45.285	ng	#	90
68) Atrazine	17.49	200	85285	42.396	ng		97
69) Pentachlorophenol	17.71	266	54128	33.564	ng		97
70) Phenanthrene	18.12	178	373222	42.622	ng		98
71) Anthracene	18.21	178	384552	44.105	ng		98
72) Carbazole	18.47	167	343656	44.609	ng		98
73) Di-n-butylphthalate	18.98	149	409666	48.030	ng		98
74) Fluoranthene	20.08	202	506118	44.073	ng		95
76) Benzidine	20.25	184	166863	41.668	ng		99
77) Pyrene	20.44	202	499108	39.902	ng		97
79) Butylbenzylphthalate	21.30	149	164436	41.677	ng	#	72
80) Benzo(a)anthracene	22.38	228	515386	40.764	ng		96
81) 3,3'-Dichlorobenzidine	22.27	252	198993	40.623	ng	#	97
82) Chrysene	22.46	228	485063	39.727	ng		96
83) Bis(2-ethylhexyl)phthalate	22.21	149	249756	44.645	ng	#	98
84) Di-n-octyl phthalate	23.58	149	405185	45.664	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.32	276	707605	45.812	ng	#	84
87) Benzo(b)fluoranthene	24.90	252	552509	38.943	ng	#	93
88) Benzo(k)fluoranthene	24.97	252	552395	39.303	ng	#	95
89) Benzo(a)pyrene	25.90	252	543166	40.157	ng	#	95
90) Dibenzo(a,h)anthracene	30.40	278	591046	42.716	ng	#	94
91) Benzo(g,h,i)perylene	31.66	276	597221	43.485	ng	#	90

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

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