Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
Data File : BG034016.D
Acq On : 26 Apr 2018 18:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/27/2018 7:30:53 PM

Quant Time: Apr 27 04:38:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	76274	20.00	ng		-0.02
21) Naphthalene-d8	10.60	136	367242	20.00	ng		-0.03
38) Acenaphthene-d10	14.45	164	245109	20.00	ng		-0.03
63) Phenanthrene-d10	17.20	188	594299	20.00	ng		-0.03
75) Chrysene-d12	21.45	240	574741	20.00	ng		-0.04
86) Perylene-d12	24.50	264	590096	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	292414	61.21	ng		-0.01
7) Phenol-d6	7.01	99	438072	62.87	ng		0.00
23) Nitrobenzene-d5	8.97	82	455120	70.53	ng		-0.01
41) 2,4,6-Tribromophenol	15.95	330	212228	74.22	ng		-0.02
44) 2-Fluorobiphenyl	13.07	172	1263523	75.73	ng		-0.03
78) Terphenyl-d14	19.83	244	1834166	71.70	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	63945	31.676	ng		87
3) Pyridine	3.79	79	155555	26.632	ng		92
4) n-Nitrosodimethylamine	3.71	42	70778	26.598	ng	#	95
6) Aniline	7.16	93	267622	28.731	ng		99
8) 2-Chlorophenol	7.39	128	171703	32.075	ng		92
9) Benzaldehyde	6.97	77	109027m	26.929	ng		
10) Phenol	7.03	94	201342	28.205	ng		97
11) bis(2-Chloroethyl)ether	7.25	93	188421	34.511	ng		88
12) 1,3-Dichlorobenzene	7.71	146	226270	36.718	ng		95
13) 1,4-Dichlorobenzene	7.85	146	234721	37.606	ng		94
14) 1,2-Dichlorobenzene	8.16	146	222915	36.725	ng		96
15) Benzyl Alcohol	8.06	79	167945	27.640	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.34	45	308363	28.958	ng		82
17) 2-Methylphenol	8.27	107	160238	30.291	ng		89
18) Hexachloroethane	8.89	117	84312	36.966	ng		97
19) n-Nitroso-di-n-propylamine	8.62	70	172354	29.017	ng	#	97
20) 3+4-Methylphenols	8.60	107	213191	27.736	ng		98
22) Acetophenone	8.64	105	337368	33.753	ng		95
24) Nitrobenzene	9.02	77	228316	32.468	ng		92
25) Isophorone	9.53	82	455514	31.397	ng	#	93
26) 2-Nitrophenol	9.72	139	94331	33.951	ng	#	87
27) 2,4-Dimethylphenol	9.79	122	146528	28.195	ng		93
28) bis(2-Chloroethoxy)methane	10.02	93	256369	33.435	ng		97
29) 2,4-Dichlorophenol	10.26	162	192193	33.174	ng		94
30) 1,2,4-Trichlorobenzene	10.46	180	257475	39.680	ng		96
31) Naphthalene	10.65	128	669024	35.426	ng		99
32) Benzoic acid	9.96	122	119382m	25.691	ng		
33) 4-Chloroaniline	10.78	127	278970	31.428	ng		95
34) Hexachlorobutadiene	10.93	225	156071	40.206	ng		98
35) Caprolactam	11.55	113	66363	26.943	ng	#	84
36) 4-Chloro-3-methylphenol	11.91	107	205437	29.054	ng		93
37) 2-Methylnaphthalene	12.27	142	520477	35.997	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	325734	40.021	ng		97
40) Hexachlorocyclopentadiene	12.61	237	161250	36.032	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	169120	34.080	ng		95
43) 2,4,5-Trichlorophenol	12.96	196	215771m	37.821	ng		
45) 1,1'-Biphenyl	13.28	154	740820	37.337	ng		96
46) 2-Chloronaphthalene	13.32	162	560260	37.240	ng		98
47) 2-Nitroaniline	13.54	65	153256	32.626	ng	#	87
48) Acenaphthylene	14.17	152	903735	36.138	ng		99
49) Dimethylphthalate	13.92	163	749947	34.783	ng		99
50) 2,6-Dinitrotoluene	14.03	165	149313	36.542	ng	#	82
51) Acenaphthene	14.52	154	551011	35.074	ng		99
52) 3-Nitroaniline	14.37	138	158363	35.693	ng	#	80
53) 2,4-Dinitrophenol	14.60	184	5309m	3.633	ng		
54) Dibenzofuran	14.85	168	851793	36.572	ng		96
55) 4-Nitrophenol	14.73	139	48859	14.041	ng		86
56) 2,4-Dinitrotoluene	14.82	165	203590	37.469	ng	#	81
57) Fluorene	15.50	166	713542	35.403	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	168839	32.322	ng	#	91
59) Diethylphthalate	15.29	149	760052	33.350	ng		98
60) 4-Chlorophenyl-phenylether	15.50	204	396231	37.587	ng		96
61) 4-Nitroaniline	15.55	138	157669	33.470	ng		91
62) Azobenzene	15.79	77	626908	30.859	ng		96
64) 4,6-Dinitro-2-methylphenol	15.58	198	51843	22.156	ng		85
65) n-Nitrosodiphenylamine	15.71	169	632455	36.604	ng		99
66) 4-Bromophenyl-phenylether	16.40	248	255469	39.142	ng		98
67) Hexachlorobenzene	16.50	284	270701	38.892	ng	#	71
68) Atrazine	16.67	200	240481	35.528	ng		97
69) Pentachlorophenol	16.85	266	133952	28.017	ng	#	58
70) Phenanthrene	17.24	178	1122923	35.221	ng		97
71) Anthracene	17.34	178	1138424	35.706	ng		99
72) Carbazole	17.61	167	1061875	34.522	ng		97
73) Di-n-butylphthalate	18.18	149	1227820	32.087	ng		100
74) Fluoranthene	19.26	202	1339803	34.741	ng		97
76) Benzidine	19.46	184	462729	29.815	ng		99
77) Pyrene	19.62	202	1360659	36.095	ng		95
79) Butylbenzylphthalate	20.53	149	554477	33.494	ng		89
80) Benzo(a)anthracene	21.44	228	1277632	35.253	ng		97
81) 3,3'-Dichlorobenzidine	21.37	252	487749	36.094	ng		97
82) Chrysene	21.50	228	1244076	35.947	ng		97
83) Bis(2-ethylhexyl)phthalate	21.37	149	771484	32.998	ng		98
84) Di-n-octyl phthalate	22.52	149	1242860	33.492	ng		97
85) Indeno(1,2,3-cd)pyrene	27.95	276	1442889	36.626	ng		99
87) Benzo(b)fluoranthene	23.54	252	1256524	34.904	ng		99
88) Benzo(k)fluoranthene	23.60	252	1292630	36.148	ng		98
89) Benzo(a)pyrene	24.36	252	1232870	35.760	ng		98
90) Dibenzo(a,h)anthracene	28.02	278	1199548	35.957	ng		98
91) Benzo(g,h,i)perylene	29.03	276	1177214	35.862	ng		97

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

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