Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034038.D
Acq On : 27 Apr 2018 14:26
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/30/2018 7:02:22 PM

Quant Time: Apr 28 02:33:53 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	7.75	152	54174m	20.00	ng		-0.08
21) Naphthalene-d8	10.54	136	270206	20.00	ng		-0.09
38) Acenaphthene-d10	14.39	164	195490	20.00	ng		-0.08
63) Phenanthrene-d10	17.15	188	488257	20.00	ng		-0.08
75) Chrysene-d12	21.40	240	494617	20.00	ng		-0.10
86) Perylene-d12	24.40	264	495843	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	231662m	68.27	ng		-0.08
7) Phenol-d6	6.95	99	329184m	66.51	ng		-0.05
23) Nitrobenzene-d5	8.91	82	309039	65.09	ng		-0.08
41) 2,4,6-Tribromophenol	15.89	330	191219	83.84	ng		-0.08
44) 2-Fluorobiphenyl	13.01	172	984794	74.00	ng		-0.09
78) Terphenyl-d14	19.78	244	1622907	73.71	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	47405m	33.062	ng		
3) Pyridine	3.70	79	136607m	32.929	ng		
4) n-Nitrosodimethylamine	3.63	42	43178	22.845	ng	#	94
6) Aniline	7.09	93	177714	26.862	ng		99
8) 2-Chlorophenol	7.33	128	128921	33.908	ng		90
9) Benzaldehyde	6.90	77	71798m	24.509	ng		
10) Phenol	6.97	94	130899	25.818	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	122116	31.491	ng		89
12) 1,3-Dichlorobenzene	7.64	146	162107m	37.037	ng		
13) 1,4-Dichlorobenzene	7.79	146	163119	36.796	ng		96
14) 1,2-Dichlorobenzene	8.09	146	165377	38.361	ng		96
15) Benzyl Alcohol	8.01	79	112067	25.967	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.28	45	224866	29.731	ng		80
17) 2-Methylphenol	8.21	107	122513m	32.607	ng		
18) Hexachloroethane	8.82	117	63697	39.321	ng		98
19) n-Nitroso-di-n-propylamine	8.56	70	139175m	32.989	ng		
20) 3+4-Methylphenols	8.55	107	185978m	34.066	ng		
22) Acetophenone	8.58	105	241532	32.843	ng		99
24) Nitrobenzene	8.95	77	185218m	35.799	ng		
25) Isophorone	9.46	82	358087	33.545	ng	#	94
26) 2-Nitrophenol	9.66	139	77636	37.976	ng		91
27) 2,4-Dimethylphenol	9.73	122	107835	28.201	ng		92
28) bis(2-Chloroethoxy)methane	9.96	93	173018	30.668	ng		98
29) 2,4-Dichlorophenol	10.20	162	145360	34.101	ng		93
30) 1,2,4-Trichlorobenzene	10.40	180	188879	39.562	ng		99
31) Naphthalene	10.58	128	500933	36.051	ng		99
32) Benzoic acid	9.89	122	108754m	30.598	ng		
33) 4-Chloroaniline	10.73	127	202017m	30.931	ng		
34) Hexachlorobutadiene	10.87	225	122033	42.727	ng		96
35) Caprolactam	11.48	113	60216	33.226	ng	#	72
36) 4-Chloro-3-methylphenol	11.85	107	154841	29.762	ng		88
37) 2-Methylnaphthalene	12.21	142	391849	36.833	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	247767	38.168	ng		97
40) Hexachlorocyclopentadiene	12.55	237	132944	37.247	ng		95

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.83	196	136261	34.428	ng		89
43) 2,4,5-Trichlorophenol	12.91	196	165635	36.402	ng		94
45) 1,1'-Biphenyl	13.22	154	561937	35.510	ng		99
46) 2-Chloronaphthalene	13.26	162	425260	35.441	ng		97
47) 2-Nitroaniline	13.49	65	110634m	29.530	ng		
48) Acenaphthylene	14.11	152	718008	35.999	ng		99
49) Dimethylphthalate	13.86	163	608001	35.357	ng		99
50) 2,6-Dinitrotoluene	13.98	165	125762	38.591	ng	#	81
51) Acenaphthene	14.46	154	429811	34.304	ng		98
52) 3-Nitroaniline	14.33	138	122832m	34.712	ng		
53) 2,4-Dinitrophenol	14.54	184	15991	13.721	ng		93
54) Dibenzofuran	14.80	168	667951	35.958	ng		97
55) 4-Nitrophenol	14.70	139	33161m	11.949	ng		
56) 2,4-Dinitrotoluene	14.77	165	165976	38.300	ng	#	78
57) Fluorene	15.45	166	585074	36.398	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.03	232	174627	41.916	ng	#	88
59) Diethylphthalate	15.23	149	632851	34.817	ng		97
60) 4-Chlorophenyl-phenylether	15.44	204	315902	37.573	ng		94
61) 4-Nitroaniline	15.51	138	79567	21.177	ng		85
62) Azobenzene	15.74	77	487670	30.098	ng		95
64) 4,6-Dinitro-2-methylphenol	15.53	198	75035	34.089	ng		84
65) n-Nitrosodiphenylamine	15.67	169	510234	35.944	ng		98
66) 4-Bromophenyl-phenylether	16.34	248	199974	37.294	ng		97
67) Hexachlorobenzene	16.45	284	223342	39.057	ng	#	72
68) Atrazine	16.62	200	194864	35.041	ng		98
69) Pentachlorophenol	16.80	266	129464	32.960	ng	#	25
70) Phenanthrene	17.19	178	907197	34.635	ng		98
71) Anthracene	17.28	178	961423	36.704	ng		99
72) Carbazole	17.56	167	857179	33.920	ng		98
73) Di-n-butylphthalate	18.13	149	1070430	34.049	ng		99
74) Fluoranthene	19.21	202	1146074	36.172	ng		96
76) Benzidine	19.43	184	248349	18.594	ng		97
77) Pyrene	19.57	202	1161320	35.797	ng		97
79) Butylbenzylphthalate	20.48	149	477995	33.551	ng		86
80) Benzo(a)anthracene	21.38	228	1059705	33.976	ng		99
81) 3,3'-Dichlorobenzidine	21.31	252	399065	34.315	ng		97
82) Chrysene	21.44	228	1113897	37.400	ng		98
83) Bis(2-ethylhexyl)phthalate	21.31	149	680467	33.820	ng		99
84) Di-n-octyl phthalate	22.45	149	1090603	34.150	ng		95
85) Indeno(1,2,3-cd)pyrene	27.79	276	1172397	34.581	ng	#	92
87) Benzo(b)fluoranthene	23.45	252	1036917	34.279	ng		99
88) Benzo(k)fluoranthene	23.51	252	1140187	37.946	ng		98
89) Benzo(a)pyrene	24.26	252	1041981	35.968	ng		98
90) Dibenzo(a,h)anthracene	27.85	278	984717	35.128	ng		97
91) Benzo(g,h,i)perylene	28.84	276	987289	35.793	ng		98

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

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