Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032257.D
Acq On : 24 Jan 2018 12:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/25/2018 5:33:38 PM

Quant Time: Jan 24 14:07:32 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	41236	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	164235	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	115872	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	306501	20.00	ng		0.00
75) Chrysene-d12	22.42	240	375476	20.00	ng		0.00
86) Perylene-d12	26.11	264	403825	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	171891	76.24	ng		0.00
7) Phenol-d6	7.84	99	218891	77.09	ng		0.00
23) Nitrobenzene-d5	9.92	82	207095	85.31	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	164700	85.90	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	730466	78.17	ng		0.00
78) Terphenyl-d14	20.63	244	1271749	74.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	28592	33.009	ng	#	77
3) Pyridine	4.27	79	84383	36.497	ng	#	80
4) n-Nitrosodimethylamine	4.18	42	38470	47.361	ng	#	87
6) Aniline	8.02	93	131593	36.741	ng		95
8) 2-Chlorophenol	8.27	128	92695	36.741	ng	#	82
9) Benzaldehyde	7.82	77	54692	33.242	ng		82
10) Phenol	7.87	94	103621	37.045	ng		95
11) bis(2-Chloroethyl)ether	8.11	93	76201	34.003	ng		83
12) 1,3-Dichlorobenzene	8.61	146	124174	37.606	ng		95
13) 1,4-Dichlorobenzene	8.76	146	126667	38.099	ng		94
14) 1,2-Dichlorobenzene	9.09	146	120633	37.514	ng		100
15) Benzyl Alcohol	8.96	79	87735	42.531	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.26	45	76850	33.744	ng		89
17) 2-Methylphenol	9.16	107	79919	37.385	ng		92
18) Hexachloroethane	9.85	117	40926	40.054	ng	#	78
19) n-Nitroso-di-n-propylamine	9.54	70	68899	39.106	ng	#	91
20) 3+4-Methylphenols	9.50	107	110550	37.330	ng		90
22) Acetophenone	9.56	105	147912	39.648	ng	#	90
24) Nitrobenzene	9.97	77	101343	41.852	ng	#	86
25) Isophorone	10.49	82	179981	39.817	ng	#	85
26) 2-Nitrophenol	10.69	139	62949	43.873	ng	#	81
27) 2,4-Dimethylphenol	10.73	122	87396	38.385	ng		93
28) bis(2-Chloroethoxy)methane	10.97	93	101509	37.273	ng	#	96
29) 2,4-Dichlorophenol	11.23	162	115160	41.105	ng		83
30) 1,2,4-Trichlorobenzene	11.46	180	148364	41.005	ng		97
31) Naphthalene	11.66	128	312500	38.410	ng		100
32) Benzoic acid	10.86	122	69796	39.285	ng		89
33) 4-Chloroaniline	11.75	127	138127	39.591	ng		92
34) Hexachlorobutadiene	11.93	225	115331	44.379	ng		100
35) Caprolactam	12.50	113	36123	42.501	ng	#	49
36) 4-Chloro-3-methylphenol	12.83	107	110429	43.063	ng	#	84
37) 2-Methylnaphthalene	13.22	142	252556	39.100	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	207785	41.139	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	128432	45.146	ng		90

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	118462	41.742	ng		96
43) 2,4,5-Trichlorophenol	13.88	196	138219m	42.077	ng		
45) 1,1'-Biphenyl	14.20	154	378621	38.116	ng		96
46) 2-Chloronaphthalene	14.25	162	298860	38.674	ng		96
47) 2-Nitroaniline	14.44	65	69126	46.727	ng	#	74
48) Acenaphthylene	15.09	152	448536	38.116	ng		100
49) Dimethylphthalate	14.79	163	408723	40.309	ng		99
50) 2,6-Dinitrotoluene	14.92	165	87705	41.672	ng	#	73
51) Acenaphthene	15.43	154	312753	40.194	ng		99
52) 3-Nitroaniline	15.25	138	80917	42.568	ng	#	74
53) 2,4-Dinitrophenol	15.45	184	50096	50.283	ng	#	72
54) Dibenzofuran	15.76	168	456911	39.363	ng		99
55) 4-Nitrophenol	15.53	139	60117	43.396	ng	#	81
56) 2,4-Dinitrotoluene	15.70	165	127418	44.967	ng	#	66
57) Fluorene	16.40	166	374814	39.371	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	134561	44.281	ng	#	84
59) Diethylphthalate	16.14	149	399518	40.643	ng		97
60) 4-Chlorophenyl-phenylether	16.38	204	237413	40.654	ng		90
61) 4-Nitroaniline	16.41	138	84980	46.604	ng		89
62) Azobenzene	16.67	77	243635	39.598	ng		86
64) 4,6-Dinitro-2-methylphenol	16.46	198	89684	45.947	ng	#	69
65) n-Nitrosodiphenylamine	16.59	169	351625	37.807	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	168983	38.749	ng		96
67) Hexachlorobenzene	17.40	284	183474	38.028	ng	#	92
68) Atrazine	17.51	200	152735	39.050	ng		95
69) Pentachlorophenol	17.74	266	128495	41.666	ng		97
70) Phenanthrene	18.14	178	647136	37.922	ng		99
71) Anthracene	18.23	178	654260	38.440	ng		99
72) Carbazole	18.49	167	586060	39.693	ng		99
73) Di-n-butylphthalate	18.99	149	664749	38.102	ng		100
74) Fluoranthene	20.10	202	856038	40.065	ng		94
76) Benzidine	20.26	184	311048	33.128	ng		98
77) Pyrene	20.46	202	864440	36.623	ng		98
79) Butylbenzylphthalate	21.31	149	303725	35.914	ng	#	78
80) Benzo(a)anthracene	22.41	228	903496	38.692	ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	357779	41.016	ng	#	95
82) Chrysene	22.48	228	864357	38.543	ng		97
83) Bis(2-ethylhexyl)phthalate	22.25	149	429139	34.604	ng	#	96
84) Di-n-octyl phthalate	23.62	149	690939	35.080	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.39	276	1109533	40.429	ng	#	84
87) Benzo(b)fluoranthene	24.93	252	954769	39.115	ng	#	96
88) Benzo(k)fluoranthene	25.01	252	925211	38.790	ng	#	95
89) Benzo(a)pyrene	25.94	252	912119	39.503	ng	#	96
90) Dibenzo(a,h)anthracene	30.46	278	919538	41.327	ng	#	94
91) Benzo(g,h,i)perylene	31.72	276	914086	40.194	ng	#	92

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

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