Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032005.D
Acq On : 12 Jan 2018 16:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/15/2018 4:23:45 PM

Quant Time: Jan 12 17:42:18 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	52968	20.00	ng		0.00
21) Naphthalene-d8	11.66	136	223665	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	152405	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	374868	20.00	ng		0.00
75) Chrysene-d12	22.48	240	410559	20.00	ng		0.00
86) Perylene-d12	26.20	264	447862	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	220264	76.05	ng		0.00
7) Phenol-d6	7.88	99	288138	79.00	ng		0.00
23) Nitrobenzene-d5	9.97	82	259038	78.35	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	199894	79.26	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	938608	76.36	ng		0.00
78) Terphenyl-d14	20.67	244	1432867	77.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	40360	36.274	ng	#	72
3) Pyridine	4.31	79	117617	39.603	ng	#	78
4) n-Nitrosodimethylamine	4.22	42	40164	38.494	ng	#	85
6) Aniline	8.07	93	182161	39.594	ng		90
8) 2-Chlorophenol	8.32	128	124015	38.268	ng	#	80
9) Benzaldehyde	7.88	77	83176	39.358	ng		87
10) Phenol	7.91	94	140923	39.221	ng		93
11) bis(2-Chloroethyl)ether	8.16	93	111952	38.892	ng	#	79
12) 1,3-Dichlorobenzene	8.66	146	163117m	38.458	ng		
13) 1,4-Dichlorobenzene	8.81	146	165275	38.701	ng		94
14) 1,2-Dichlorobenzene	9.14	146	158334	38.333	ng		98
15) Benzyl Alcohol	9.00	79	106587	40.225	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.30	45	112791	38.556	ng		78
17) 2-Methylphenol	9.20	107	108399	39.477	ng		98
18) Hexachloroethane	9.90	117	50617	38.566	ng	#	83
19) n-Nitroso-di-n-propylamine	9.59	70	87349	38.597	ng	#	84
20) 3+4-Methylphenols	9.54	107	149862	39.396	ng		94
22) Acetophenone	9.61	105	200859	39.535	ng	#	86
24) Nitrobenzene	10.01	77	130161	39.471	ng	#	84
25) Isophorone	10.54	82	242023	39.316	ng	#	86
26) 2-Nitrophenol	10.74	139	78349	40.097	ng	#	81
27) 2,4-Dimethylphenol	10.78	122	121759	39.268	ng		92
28) bis(2-Chloroethoxy)methane	11.02	93	145398	39.202	ng		95
29) 2,4-Dichlorophenol	11.28	162	147258	38.596	ng		91
30) 1,2,4-Trichlorobenzene	11.51	180	192981	39.164	ng		97
31) Naphthalene	11.71	128	426558	38.499	ng		99
32) Benzoic acid	10.90	122	87332	36.521	ng	#	80
33) 4-Chloroaniline	11.80	127	185528	39.048	ng	#	92
34) Hexachlorobutadiene	11.98	225	135184	38.197	ng		94
35) Caprolactam	12.55	113	44143	38.137	ng	#	50
36) 4-Chloro-3-methylphenol	12.87	107	137929	39.495	ng	#	83
37) 2-Methylnaphthalene	13.27	142	342848	38.975	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	253859	38.213	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	148278	39.628	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	145270	38.918	ng		96
43) 2,4,5-Trichlorophenol	13.92	196	169896	39.322	ng	#	91
45) 1,1'-Biphenyl	14.24	154	501464	38.381	ng		95
46) 2-Chloronaphthalene	14.30	162	388383	38.212	ng		94
47) 2-Nitroaniline	14.49	65	78787	40.491	ng	#	61
48) Acenaphthylene	15.13	152	602305	38.914	ng		98
49) Dimethylphthalate	14.83	163	517858	38.829	ng		99
50) 2,6-Dinitrotoluene	14.96	165	112626	40.685	ng	#	66
51) Acenaphthene	15.47	154	404884	39.561	ng		97
52) 3-Nitroaniline	15.29	138	99771	39.905	ng	#	72
53) 2,4-Dinitrophenol	15.49	184	48096	38.584	ng	#	44
54) Dibenzofuran	15.80	168	580013	37.990	ng		98
55) 4-Nitrophenol	15.57	139	71921	39.472	ng	#	75
56) 2,4-Dinitrotoluene	15.74	165	157709	42.316	ng	#	66
57) Fluorene	16.44	166	483821	38.639	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	163116	40.810	ng	#	84
59) Diethylphthalate	16.18	149	503777	38.964	ng		96
60) 4-Chlorophenyl-phenylether	16.42	204	293999	38.276	ng		91
61) 4-Nitroaniline	16.45	138	98272	40.974	ng		82
62) Azobenzene	16.71	77	316224	39.076	ng		85
64) 4,6-Dinitro-2-methylphenol	16.50	198	91020	38.959	ng	#	67
65) n-Nitrosodiphenylamine	16.63	169	440188	38.698	ng		97
66) 4-Bromophenyl-phenylether	17.31	248	209065	39.197	ng		94
67) Hexachlorobenzene	17.44	284	225935	38.288	ng	#	91
68) Atrazine	17.56	200	185317	38.739	ng		95
69) Pentachlorophenol	17.78	266	147828	39.193	ng		99
70) Phenanthrene	18.18	178	799594	38.311	ng		99
71) Anthracene	18.27	178	800909	38.474	ng		98
72) Carbazole	18.53	167	698974	38.707	ng		99
73) Di-n-butylphthalate	19.04	149	820798	38.466	ng		99
74) Fluoranthene	20.14	202	981985	37.578	ng		96
76) Benzidine	20.30	184	390288	38.016	ng		97
77) Pyrene	20.50	202	1000873	38.780	ng		98
79) Butylbenzylphthalate	21.36	149	362416	39.192	ng	#	77
80) Benzo(a)anthracene	22.46	228	1000366	39.180	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	390822	40.975	ng	#	99
82) Chrysene	22.54	228	959943	39.148	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	528586	38.981	ng	#	97
84) Di-n-octyl phthalate	23.69	149	844672	39.220	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.51	276	1189436	39.637	ng	#	85
87) Benzo(b)fluoranthene	25.01	252	1046344	38.652	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1060647	40.096	ng	#	97
89) Benzo(a)pyrene	26.03	252	1005129	39.250	ng	#	96
90) Dibenzo(a,h)anthracene	30.60	278	965475	39.125	ng	#	95
91) Benzo(g,h,i)perylene	31.89	276	990267	39.262	ng	#	93

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

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