Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032115.D
Acq On : 18 Jan 2018 00:13
Operator : SJ/JU
Sample : PB105730BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 18 06:48:48 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB105730BS

Manual Integrations APPROVED
Sohil
1/18/2018 4:00:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	58194	20.00	ng		-0.03
21) Naphthalene-d8	11.63	136	224544	20.00	ng		-0.03
38) Acenaphthene-d10	15.38	164	153988	20.00	ng		-0.02
63) Phenanthrene-d10	18.11	188	398704	20.00	ng		-0.03
75) Chrysene-d12	22.45	240	475230	20.00	ng		-0.03
86) Perylene-d12	26.15	264	529292	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.18	112	425070	133.59	ng		-0.02
7) Phenol-d6	7.86	99	529286	132.08	ng		-0.02
23) Nitrobenzene-d5	9.94	82	308258	92.88	ng		-0.03
41) 2,4,6-Tribromophenol	16.86	330	339820	133.36	ng		-0.02
44) 2-Fluorobiphenyl	14.01	172	1044718	84.12	ng		-0.03
78) Terphenyl-d14	20.65	244	1829296	84.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	41799	34.194	ng	#	75
3) Pyridine	4.28	79	111420	34.147	ng	#	84
4) n-Nitrosodimethylamine	4.19	42	55850	48.721	ng	#	92
6) Aniline	8.04	93	87787	17.368	ng		93
8) 2-Chlorophenol	8.29	128	151176	42.459	ng		83
9) Benzaldehyde	7.84	77	18476	7.957	ng		91
10) Phenol	7.88	94	167567	42.449	ng		99
11) bis(2-Chloroethyl)ether	8.13	93	118392	37.435	ng	#	84
12) 1,3-Dichlorobenzene	8.63	146	173491m	37.231	ng		
13) 1,4-Dichlorobenzene	8.78	146	172998	36.871	ng		96
14) 1,2-Dichlorobenzene	9.11	146	166966	36.792	ng		96
15) Benzyl Alcohol	8.98	79	126440	43.433	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.27	45	121006	37.649	ng		82
17) 2-Methylphenol	9.18	107	118539	39.293	ng		99
18) Hexachloroethane	9.86	117	57863	40.128	ng	#	84
19) n-Nitroso-di-n-propylamine	9.56	70	91058	36.623	ng	#	86
20) 3+4-Methylphenols	9.51	107	160730	38.459	ng		95
22) Acetophenone	9.58	105	209774	41.128	ng	#	89
24) Nitrobenzene	9.99	77	140803	42.531	ng	#	88
25) Isophorone	10.51	82	257262	41.628	ng	#	84
26) 2-Nitrophenol	10.71	139	86712	44.203	ng	#	87
27) 2,4-Dimethylphenol	10.75	122	147351	47.335	ng		92
28) bis(2-Chloroethoxy)methane	10.99	93	159097	42.728	ng	#	95
29) 2,4-Dichlorophenol	11.25	162	178405	46.576	ng		87
30) 1,2,4-Trichlorobenzene	11.48	180	198080	40.042	ng		97
31) Naphthalene	11.67	128	436220	39.216	ng		100
32) Benzoic acid	10.87	122	88840	36.936	ng	#	81
33) 4-Chloroaniline	11.77	127	81215	17.026	ng		96
34) Hexachlorobutadiene	11.94	225	141733	39.891	ng		98
35) Caprolactam	12.53	113	49517	42.612	ng	#	50
36) 4-Chloro-3-methylphenol	12.85	107	163216	46.553	ng		88
37) 2-Methylnaphthalene	13.24	142	355046	40.204	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	270548	40.306	ng	#	96
40) Hexachlorocyclopentadiene	13.57	237	367302	97.154	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	164421	43.595	ng		99
43) 2,4,5-Trichlorophenol	13.90	196	177280	40.609	ng	#	90
45) 1,1'-Biphenyl	14.22	154	516214	39.104	ng		93
46) 2-Chloronaphthalene	14.27	162	395317	38.494	ng		96
47) 2-Nitroaniline	14.46	65	88873	45.205	ng	#	72
48) Acenaphthylene	15.11	152	581360	37.175	ng		98
49) Dimethylphthalate	14.81	163	519509	38.553	ng	#	99
50) 2,6-Dinitrotoluene	14.94	165	116220	41.552	ng	#	75
51) Acenaphthene	15.45	154	447629	43.288	ng		97
52) 3-Nitroaniline	15.26	138	58624	23.206	ng	#	76
53) 2,4-Dinitrophenol	15.47	184	141075	98.759	ng	#	58
54) Dibenzofuran	15.78	168	620689	40.237	ng		99
55) 4-Nitrophenol	15.55	139	182392	99.071	ng	#	80
56) 2,4-Dinitrotoluene	15.72	165	165500	43.950	ng	#	68
57) Fluorene	16.42	166	492631	38.938	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	190302	47.123	ng	#	85
59) Diethylphthalate	16.15	149	508835	38.951	ng		97
60) 4-Chlorophenyl-phenylether	16.40	204	311175	40.095	ng		92
61) 4-Nitroaniline	16.42	138	93185	38.454	ng		92
62) Azobenzene	16.69	77	332164	40.624	ng		88
64) 4,6-Dinitro-2-methylphenol	16.47	198	100343	40.203	ng	#	69
65) n-Nitrosodiphenylamine	16.61	169	465875	38.507	ng		100
66) 4-Bromophenyl-phenylether	17.29	248	225404	39.734	ng		95
67) Hexachlorobenzene	17.41	284	226232	36.046	ng	#	92
68) Atrazine	17.53	200	215938	42.441	ng		95
69) Pentachlorophenol	17.76	266	310843	77.486	ng		99
70) Phenanthrene	18.16	178	846438	38.131	ng		99
71) Anthracene	18.25	178	871645	39.369	ng		99
72) Carbazole	18.51	167	754615	39.290	ng		99
73) Di-n-butylphthalate	19.01	149	861615	37.965	ng		99
74) Fluoranthene	20.12	202	1109370	39.915	ng		95
76) Benzidine	20.28	184	325615	27.400	ng		98
77) Pyrene	20.48	202	1126226	37.698	ng		99
79) Butylbenzylphthalate	21.34	149	396780	37.069	ng	#	78
80) Benzo(a)anthracene	22.43	228	1187351	40.175	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	261239	23.662	ng	#	98
82) Chrysene	22.50	228	1118114	39.393	ng		97
83) Bis(2-ethylhexyl)phthalate	22.27	149	573815	36.558	ng	#	97
84) Di-n-octyl phthalate	23.65	149	991982	39.792	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.45	276	1503223	43.276	ng	#	88
87) Benzo(b)fluoranthene	24.96	252	1278638	39.966	ng	#	95
88) Benzo(k)fluoranthene	25.05	252	1233612	39.460	ng	#	96
89) Benzo(a)pyrene	25.98	252	1256380	41.514	ng	#	97
90) Dibenzo(a,h)anthracene	30.53	278	1248753	42.819	ng	#	95
91) Benzo(g,h,i)perylene	31.80	276	1255619	42.124	ng	#	92

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

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