Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035881.D
Acq On : 25 Jul 2018 19:47
Operator : JU/SJ
Sample : J4124-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Manual Integrations APPROVED
Sohil
7/26/2018 4:59:38 PM

Quant Time: Jul 26 02:14:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36472	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	151386	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	116446	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	310707	20.00	ng		0.00
75) Chrysene-d12	21.66	240	319363	20.00	ng		0.00
86) Perylene-d12	24.86	264	314428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	303173	138.01	ng		0.00
7) Phenol-d6	7.20	99	468838	143.04	ng		0.00
23) Nitrobenzene-d5	9.19	82	305231	84.23	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	228378	148.80	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	693371	79.77	ng		0.00
78) Terphenyl-d14	20.00	244	1243140	85.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	33821	30.249	ng	#	74
3) Pyridine	3.91	79	88161	30.203	ng	#	75
4) n-Nitrosodimethylamine	3.83	42	43278	34.531	ng	#	68
6) Aniline	7.35	93	121209	28.532	ng		97
8) 2-Chlorophenol	7.59	128	108924	48.752	ng		99
9) Benzaldehyde	7.17	77	81644	40.597	ng		95
10) Phenol	7.22	94	166631	50.321	ng		90
11) bis(2-Chloroethyl)ether	7.45	93	109260	42.132	ng		86
12) 1,3-Dichlorobenzene	7.92	146	113470	42.056	ng		98
13) 1,4-Dichlorobenzene	8.06	146	119633	43.640	ng		97
14) 1,2-Dichlorobenzene	8.38	146	114513	43.482	ng		98
15) Benzyl Alcohol	8.27	79	128772	43.265	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	125869	57.894	ng		80
17) 2-Methylphenol	8.47	107	112165	49.820	ng	#	92
18) Hexachloroethane	9.10	117	43946	41.926	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	108708	39.387	ng	#	84
20) 3+4-Methylphenols	8.80	107	153912	49.279	ng		96
22) Acetophenone	8.85	105	192164	40.819	ng	#	93
24) Nitrobenzene	9.23	77	157144	43.118	ng		96
25) Isophorone	9.75	82	319276	47.461	ng		98
26) 2-Nitrophenol	9.94	139	65344	50.484	ng	#	93
27) 2,4-Dimethylphenol	10.00	122	117730	53.734	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	165412	44.624	ng		95
29) 2,4-Dichlorophenol	10.48	162	137441	54.954	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	141105	46.010	ng		98
31) Naphthalene	10.88	128	352375	44.684	ng		98
32) Benzoic acid	10.15	122	37763m	25.603	ng		
33) 4-Chloroaniline	11.00	127	52723	15.340	ng		97
34) Hexachlorobutadiene	11.17	225	103387	43.232	ng		96
35) Caprolactam	11.77	113	47939m	44.666	ng		
36) 4-Chloro-3-methylphenol	12.11	107	169143	50.454	ng		94
37) 2-Methylnaphthalene	12.48	142	288671	49.135	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	194433	44.239	ng		98
40) Hexachlorocyclopentadiene	12.83	237	235190	102.036	ng		92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	134533	52.342 ng		97
43) 2,4,5-Trichlorophenol	13.17	196	145009	50.432 ng		95
45) 1,1'-Biphenyl	13.49	154	405241	44.887 ng		98
46) 2-Chloronaphthalene	13.53	162	323906	46.125 ng		99
47) 2-Nitroaniline	13.73	65	113227	45.608 ng		98
48) Acenaphthylene	14.37	152	538268	45.758 ng		97
49) Dimethylphthalate	14.11	163	523164	51.279 ng		99
50) 2,6-Dinitrotoluene	14.23	165	107801	51.888 ng		92
51) Acenaphthene	14.71	154	316275	43.161 ng		98
52) 3-Nitroaniline	14.56	138	53810	25.341 ng	#	86
53) 2,4-Dinitrophenol	14.77	184	108231	99.551 ng	#	68
54) Dibenzofuran	15.05	168	533794	45.804 ng		96
55) 4-Nitrophenol	14.88	139	151562	100.224 ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	154461	51.822 ng	#	84
57) Fluorene	15.70	166	442196	45.272 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	145989	52.955 ng		93
59) Diethylphthalate	15.47	149	460543	43.900 ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	257369	44.831 ng		98
61) 4-Nitroaniline	15.72	138	102059	45.948 ng	#	85
62) Azobenzene	15.98	77	460417	44.494 ng		93
64) 4,6-Dinitro-2-methylphenol	15.78	198	90458	52.300 ng		87
65) n-Nitrosodiphenylamine	15.91	169	395820	44.756 ng		98
66) 4-Bromophenyl-phenylether	16.58	248	173997	48.269 ng		95
67) Hexachlorobenzene	16.71	284	176906	47.655 ng		90
68) Atrazine	16.85	200	174585	47.946 ng		97
69) Pentachlorophenol	17.05	266	176243	77.947 ng		99
70) Phenanthrene	17.44	178	716845	46.237 ng		98
71) Anthracene	17.53	178	731104	47.359 ng		98
72) Carbazole	17.80	167	657002	44.814 ng		98
73) Di-n-butylphthalate	18.35	149	744948	42.999 ng	#	98
74) Fluoranthene	19.44	202	917002	43.911 ng		97
76) Benzidine	19.63	184	199932	23.812 ng		99
77) Pyrene	19.81	202	910712	45.099 ng		95
79) Butylbenzylphthalate	20.69	149	342543	47.435 ng	#	94
80) Benzo(a)anthracene	21.64	228	918175	46.135 ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	180679	26.037 ng	#	99
82) Chrysene	21.70	228	854043	46.308 ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	472837	48.163 ng		99
84) Di-n-octyl phthalate	22.74	149	819551	49.857 ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.51	276	988080	48.392 ng	#	94
87) Benzo(b)fluoranthene	23.84	252	883389	46.225 ng	#	96
88) Benzo(k)fluoranthene	23.91	252	839710	44.944 ng	#	98
89) Benzo(a)pyrene	24.71	252	852222	47.934 ng	#	95
90) Dibenzo(a,h)anthracene	28.57	278	820727	47.020 ng		96
91) Benzo(g,h,i)perylene	29.65	276	819789	47.996 ng	#	93

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

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