Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
Data File : BG037400.D
Acq On : 17 Oct 2018 21:25
Operator : JU/SJ
Sample : J5539-09MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMSD

Manual Integrations APPROVED
Sohil
10/18/2018 2:25:30 PM

Quant Time: Oct 18 11:58:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	80743	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	357358	20.00	ng		-0.01
39) Acenaphthene-d10	14.74	164	224330	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	486238	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	469755	20.00	ng		-0.02
87) Perylene-d12	25.11	264	507366	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	657412	143.29	ng		0.00
7) Phenol-d6	7.26	99	976515	140.23	ng		0.00
23) Nitrobenzene-d5	9.29	82	567846	104.47	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	333653	151.66	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1266977	84.82	ng		-0.01
79) Terphenyl-d14	20.09	244	1710745	76.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56238	21.825	ng	#	95
3) Pyridine	3.93	79	176059	28.778	ng		93
4) n-Nitrosodimethylamine	3.86	42	88930	37.431	ng	#	87
6) Aniline	7.44	93	295142	32.377	ng		97
8) 2-Chlorophenol	7.67	128	236139	43.977	ng		97
9) Benzaldehyde	7.25	77	104747	21.848	ng		99
10) Phenol	7.28	94	374193	51.020	ng		100
11) bis(2-Chloroethyl)ether	7.53	93	226443	37.793	ng		98
12) 1,3-Dichlorobenzene	8.00	146	231897	36.737	ng		98
13) 1,4-Dichlorobenzene	8.15	146	233263	36.499	ng		99
14) 1,2-Dichlorobenzene	8.46	146	228104	36.833	ng		97
15) Benzyl Alcohol	8.35	79	227407	41.748	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	423484	35.752	ng		97
17) 2-Methylphenol	8.54	107	228633	46.546	ng		99
18) Hexachloroethane	9.20	117	84274	38.635	ng		93
19) n-Nitroso-di-n-propylamine	8.92	70	200029	37.940	ng		96
20) 3+4-Methylphenols	8.87	107	317693	46.256	ng		99
22) Acetophenone	8.95	105	373378	41.448	ng	#	97
24) Nitrobenzene	9.33	77	275544	47.329	ng		94
25) Isophorone	9.85	82	576270	46.441	ng		96
26) 2-Nitrophenol	10.04	139	131978	57.555	ng		98
27) 2,4-Dimethylphenol	10.08	122	268262	51.723	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	339624	43.747	ng		97
29) 2,4-Dichlorophenol	10.57	162	264638	50.265	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	256673	40.064	ng		98
31) Naphthalene	10.98	128	759426	43.727	ng		99
32) Benzoic acid	10.18	122	65378	22.829	ng		97
33) 4-Chloroaniline	11.09	127	167016	20.500	ng		98
34) Hexachlorobutadiene	11.25	225	150623	37.859	ng		99
35) Caprolactam	11.88	113	108360m	50.486	ng		
36) 4-Chloro-3-methylphenol	12.19	107	288639	46.421	ng		98
37) 2-Methylnaphthalene	12.58	142	574461	45.325	ng		99
38) 1-Methylnaphthalene	12.80	142	550907	44.504	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	298010	41.021	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	353361	117.987 ng	98
43) 2,4,6-Trichlorophenol	13.18	196	220845	52.403 ng	97
44) 2,4,5-Trichlorophenol	13.25	196	235415	51.917 ng	98
46) 1,1'-Biphenyl	13.58	154	737539	39.967 ng	97
47) 2-Chloronaphthalene	13.63	162	580589	41.652 ng	98
48) 2-Nitroaniline	13.83	65	190142	50.065 ng	94
49) Acenaphthylene	14.47	152	934748	43.837 ng	97
50) Dimethylphthalate	14.20	163	903038	51.223 ng	99
51) 2,6-Dinitrotoluene	14.33	165	165268	48.235 ng	96
52) Acenaphthene	14.81	154	558175	42.379 ng	99
53) 3-Nitroaniline	14.66	138	114768	31.115 ng	98
54) 2,4-Dinitrophenol	14.86	184	96480	109.369 ng	89
55) Dibenzofuran	15.14	168	865166	40.482 ng	97
56) 4-Nitrophenol	14.95	139	290374	100.992 ng	97
57) 2,4-Dinitrotoluene	15.11	165	225713	51.625 ng	96
58) Fluorene	15.79	166	695441	43.026 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	201709m	50.244 ng	
60) Diethylphthalate	15.55	149	727996	39.846 ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	360787	38.187 ng	100
62) 4-Nitroaniline	15.83	138	174390	45.044 ng	94
63) Azobenzene	16.07	77	704730	40.231 ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	109119	68.761 ng	97
66) n-Nitrosodiphenylamine	16.00	169	655467	45.903 ng	99
67) 4-Bromophenyl-phenylether	16.68	248	225707	43.010 ng	97
68) Hexachlorobenzene	16.78	284	225455	41.437 ng	97
69) Atrazine	16.94	200	242006	45.599 ng	100
70) Pentachlorophenol	17.13	266	278605	79.366 ng	97
71) Phenanthrene	17.54	178	1101356	44.497 ng	98
72) Anthracene	17.63	178	1121551	46.294 ng	96
73) Carbazole	17.90	167	1016403	40.719 ng	98
74) Di-n-butylphthalate	18.43	149	1172544	43.827 ng	99
75) Fluoranthene	19.54	202	1239102	42.833 ng	96
77) Benzidine	19.72	184	605476	33.692 ng	100
78) Pyrene	19.90	202	1259623	41.143 ng	98
80) Butylbenzylphthalate	20.77	149	569627	47.821 ng	100
81) Benzo(a)anthracene	21.75	228	1233749	43.853 ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	261161	24.064 ng	99
83) Chrysene	21.82	228	1148351	42.789 ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	807539	47.212 ng	98
85) Di-n-octyl phthalate	22.89	149	1380190	49.714 ng	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1416105	47.605 ng	99
88) Benzo(b)fluoranthene	24.05	252	1289410	46.744 ng	99
89) Benzo(k)fluoranthene	24.12	252	1179282	43.325 ng	96
90) Benzo(a)pyrene	24.96	252	1221157	46.167 ng	98
91) Dibenzo(a,h)anthracene	29.03	278	1149806	45.431 ng	95
92) Benzo(g,h,i)perylene	30.17	276	1182300	46.774 ng	98

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

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