Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039068.D
Acq On : 11 Jan 2019 1:12
Operator : JU/SJ
Sample : PB116306BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Manual Integrations APPROVED
Sohil
1/11/2019 4:44:33 PM

Quant Time: Jan 11 05:56:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18919	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	89205	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	75472	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	208964	20.00	ng		0.00
76) Chrysene-d12	21.69	240	171418	20.00	ng		0.00
87) Perylene-d12	24.97	264	189619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	170227	170.68	ng		0.00
7) Phenol-d6	7.19	99	252161	175.69	ng		0.00
23) Nitrobenzene-d5	9.21	82	145199	89.07	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	197398	156.03	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	468151	84.89	ng		0.00
79) Terphenyl-d14	20.02	244	875018	94.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	11110	28.447	ng		93
3) Pyridine	3.86	79	33508	31.575	ng		97
4) n-Nitrosodimethylamine	3.78	42	23358	48.913	ng		87
6) Aniline	7.35	93	34064	19.762	ng		96
8) 2-Chlorophenol	7.59	128	66148	56.266	ng		97
9) Benzaldehyde	7.17	77	18788	22.699	ng		97
10) Phenol	7.22	94	83793	58.231	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	47599	43.280	ng		99
12) 1,3-Dichlorobenzene	7.91	146	57218	40.622	ng		96
13) 1,4-Dichlorobenzene	8.06	146	60068	42.107	ng		99
14) 1,2-Dichlorobenzene	8.38	146	60336	44.360	ng		96
15) Benzyl Alcohol	8.27	79	59784	55.311	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	94681	44.896	ng		99
17) 2-Methylphenol	8.48	107	59362	59.410	ng		97
18) Hexachloroethane	9.10	117	20255	41.794	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	45923	48.724	ng		95
20) 3+4-Methylphenols	8.80	107	83127	58.352	ng		97
22) Acetophenone	8.86	105	95544	41.013	ng	#	97
24) Nitrobenzene	9.25	77	70839	42.991	ng		98
25) Isophorone	9.76	82	142421	50.717	ng		99
26) 2-Nitrophenol	9.96	139	40755	45.727	ng	#	94
27) 2,4-Dimethylphenol	10.01	122	74641	59.526	ng		93
28) bis(2-Chloroethoxy)methane	10.24	93	76502	45.329	ng		98
29) 2,4-Dichlorophenol	10.49	162	86954	55.820	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	78792	42.096	ng		99
31) Naphthalene	10.90	128	210387	47.024	ng		99
32) Benzoic acid	10.17	122	33893	44.746	ng		99
33) 4-Chloroaniline	11.02	127	26527	13.251	ng		99
34) Hexachlorobutadiene	11.15	225	50137	38.930	ng		98
35) Caprolactam	11.81	113	32297m	51.703	ng		
36) 4-Chloro-3-methylphenol	12.14	107	94289	56.592	ng		91
37) 2-Methylnaphthalene	12.50	142	173755	51.800	ng		98
38) 1-Methylnaphthalene	12.72	142	167638	52.067	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	115508	40.752	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	120545	75.834	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	87583	49.096	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	98929	52.470	ng		96
46) 1,1'-Biphenyl	13.50	154	248837	41.610	ng		99
47) 2-Chloronaphthalene	13.55	162	204263	42.209	ng		100
48) 2-Nitroaniline	13.76	65	64177	47.336	ng		97
49) Acenaphthylene	14.40	152	349210	48.009	ng		99
50) Dimethylphthalate	14.12	163	295811	46.382	ng		100
51) 2,6-Dinitrotoluene	14.26	165	68149	47.794	ng		97
52) Acenaphthene	14.73	154	197822	45.265	ng		95
53) 3-Nitroaniline	14.59	138	26518	18.333	ng	#	97
54) 2,4-Dinitrophenol	14.80	184	35317	44.025	ng		93
55) Dibenzofuran	15.07	168	351117	45.490	ng		99
56) 4-Nitrophenol	14.91	139	97401	93.585	ng		98
57) 2,4-Dinitrotoluene	15.04	165	98173	47.990	ng		96
58) Fluorene	15.72	166	289693	49.862	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	95843	53.851	ng		98
60) Diethylphthalate	15.48	149	313077	47.645	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	166490	45.486	ng		99
62) 4-Nitroaniline	15.76	138	69388	46.048	ng		98
63) Azobenzene	16.00	77	238572	46.427	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	42573	27.500	ng		90
66) n-Nitrosodiphenylamine	15.93	169	272853	44.046	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	119226	44.386	ng		96
68) Hexachlorobenzene	16.72	284	128748	43.925	ng		96
69) Atrazine	16.87	200	115427	43.862	ng		98
70) Pentachlorophenol	17.07	266	102093	58.087	ng		96
71) Phenanthrene	17.46	178	520733	47.146	ng		99
72) Anthracene	17.55	178	525570	48.126	ng		100
73) Carbazole	17.83	167	435675	40.412	ng		99
74) Di-n-butylphthalate	18.36	149	532225	44.377	ng		100
75) Fluoranthene	19.47	202	571676	41.751	ng		99
77) Benzidine	19.66	184	123330	23.523	ng		98
78) Pyrene	19.83	202	562782	51.517	ng		99
80) Butylbenzylphthalate	20.70	149	192379	46.302	ng		97
81) Benzo(a)anthracene	21.68	228	507901	48.673	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	86068	20.243	ng		99
83) Chrysene	21.75	228	473608	47.720	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	264191	45.794	ng		98
85) Di-n-octyl phthalate	22.76	149	456685	46.815	ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	598094	50.434	ng	#	96
88) Benzo(b)fluoranthene	23.93	252	513473	49.110	ng		100
89) Benzo(k)fluoranthene	24.00	252	493190	47.708	ng		97
90) Benzo(a)pyrene	24.83	252	499026	49.379	ng		98
91) Dibenzo(a,h)anthracene	28.80	278	500636	49.803	ng		98
92) Benzo(g,h,i)perylene	29.93	276	492416	49.481	ng		98

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

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