Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
Data File : BG039376.D
Acq On : 6 Feb 2019 18:35
Operator : JU/SJ
Sample : PB116873BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 07 01:27:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Manual Integrations APPROVED
mohammad
2/7/2019 8:40:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50844	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	221124	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	145344	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	354794	20.00	ng		0.00
76) Chrysene-d12	21.84	240	377551	20.00	ng		0.00
87) Perylene-d12	25.22	264	393949	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	487594	164.13	ng		0.00
7) Phenol-d6	7.32	99	678053	155.06	ng		0.00
23) Nitrobenzene-d5	9.36	82	326802	92.33	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	250582	160.11	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	793343	78.30	ng		0.00
79) Terphenyl-d14	20.14	244	1409813	79.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	49655	38.212	ng		97
3) Pyridine	4.01	79	135441	39.367	ng		96
4) n-Nitrosodimethylamine	3.92	42	72559	42.170	ng		92
6) Aniline	7.50	93	166631	30.422	ng		97
8) 2-Chlorophenol	7.74	128	152490	46.960	ng		98
9) Benzaldehyde	7.31	77	80478	35.744	ng		97
10) Phenol	7.34	94	209569	45.975	ng		99
11) bis(2-Chloroethyl)ether	7.60	93	146144	40.574	ng		96
12) 1,3-Dichlorobenzene	8.07	146	158225	40.222	ng		95
13) 1,4-Dichlorobenzene	8.21	146	160303	40.884	ng		98
14) 1,2-Dichlorobenzene	8.54	146	152833	40.264	ng		97
15) Benzyl Alcohol	8.41	79	144161	41.992	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	290316	35.692	ng		99
17) 2-Methylphenol	8.61	107	133521	45.264	ng		97
18) Hexachloroethane	9.26	117	55348	41.030	ng		95
19) n-Nitroso-di-n-propylamine	8.98	70	117026	37.706	ng		96
20) 3+4-Methylphenols	8.93	107	185395	45.641	ng		97
22) Acetophenone	9.01	105	222374	37.438	ng	#	96
24) Nitrobenzene	9.40	77	173842	45.462	ng		96
25) Isophorone	9.92	82	328293	41.854	ng		99
26) 2-Nitrophenol	10.10	139	77085	50.606	ng		93
27) 2,4-Dimethylphenol	10.15	122	156267	49.249	ng		95
28) bis(2-Chloroethoxy)methane	10.39	93	205517	42.539	ng		99
29) 2,4-Dichlorophenol	10.64	162	163090	47.029	ng		94
30) 1,2,4-Trichlorobenzene	10.86	180	164451	42.239	ng		97
31) Naphthalene	11.05	128	473393	43.154	ng		99
32) Benzoic acid	10.26	122	92696	45.250	ng		99
33) 4-Chloroaniline	11.16	127	96066	18.887	ng		98
34) Hexachlorobutadiene	11.31	225	104720	40.445	ng		96
35) Caprolactam	11.94	113	53137m	37.029	ng		
36) 4-Chloro-3-methylphenol	12.25	107	168611	42.042	ng		99
37) 2-Methylnaphthalene	12.64	142	350030	43.081	ng		98
38) 1-Methylnaphthalene	12.86	142	334362	42.692	ng		100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	193450	41.832	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	262612	104.214	ng		99
43) 2,4,6-Trichlorophenol	13.24	196	130383	45.856	ng		99
44) 2,4,5-Trichlorophenol	13.31	196	140211	47.050	ng		95
46) 1,1'-Biphenyl	13.64	154	473476	39.153	ng		99
47) 2-Chloronaphthalene	13.69	162	363525	39.960	ng		98
48) 2-Nitroaniline	13.89	65	115117	44.733	ng		98
49) Acenaphthylene	14.53	152	580053	42.256	ng		99
50) Dimethylphthalate	14.25	163	464324	39.555	ng		99
51) 2,6-Dinitrotoluene	14.37	165	101024	46.315	ng		98
52) Acenaphthene	14.87	154	357262	40.094	ng		98
53) 3-Nitroaniline	14.71	138	68917	31.392	ng	#	95
54) 2,4-Dinitrophenol	14.91	184	86115	85.728	ng		93
55) Dibenzofuran	15.20	168	569458	39.860	ng		99
56) 4-Nitrophenol	14.99	139	189860	88.769	ng		92
57) 2,4-Dinitrotoluene	15.16	165	142734	50.336	ng		88
58) Fluorene	15.84	166	451433	42.388	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	137743	49.366	ng		97
60) Diethylphthalate	15.60	149	467697	38.535	ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	237923	39.454	ng		99
62) 4-Nitroaniline	15.87	138	111936	45.695	ng		93
63) Azobenzene	16.13	77	433808	36.570	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	70971	49.950	ng		98
66) n-Nitrosodiphenylamine	16.05	169	409912	37.997	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	156076	39.653	ng		93
68) Hexachlorobenzene	16.84	284	162330	41.106	ng		94
69) Atrazine	16.99	200	166900	42.335	ng		96
70) Pentachlorophenol	17.18	266	215747	78.606	ng		98
71) Phenanthrene	17.59	178	767649	41.804	ng		99
72) Anthracene	17.68	178	780567	43.155	ng		99
73) Carbazole	17.95	167	698405	38.690	ng		99
74) Di-n-butylphthalate	18.49	149	849551	40.341	ng		99
75) Fluoranthene	19.59	202	955441	44.827	ng		99
77) Benzidine	19.77	184	359369	29.032	ng		99
78) Pyrene	19.95	202	951979	40.504	ng		98
80) Butylbenzylphthalate	20.82	149	402629	40.609	ng		98
81) Benzo(a)anthracene	21.82	228	949863	42.577	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	197846	23.917	ng		100
83) Chrysene	21.89	228	882129	41.537	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	563482	39.837	ng		99
85) Di-n-octyl phthalate	22.96	149	971613	41.578	ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1073087	47.095	ng		98
88) Benzo(b)fluoranthene	24.14	252	934489	43.496	ng		98
89) Benzo(k)fluoranthene	24.21	252	907448	42.070	ng		98
90) Benzo(a)pyrene	25.07	252	909516	43.957	ng		98
91) Dibenzo(a,h)anthracene	29.20	278	867054	44.747	ng		98
92) Benzo(g,h,i)perylene	30.35	276	884911	45.818	ng		98

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

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