Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040982.D
Acq On : 31 May 2019 17:19
Operator : HP/JU
Sample : PB118819BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118819BS

Quant Time: Jun 01 05:14:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	55896	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	231283	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	170188	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	458354	20.00	ng		0.00
76) Chrysene-d12	21.78	240	472223	20.00	ng		0.00
87) Perylene-d12	25.11	264	430150	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	402108	129.72	ng		0.00
7) Phenol-d6	7.26	99	555452	116.03	ng		0.00
23) Nitrobenzene-d5	9.30	82	427724	82.10	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	300742	119.03	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	946321	80.08	ng		0.00
79) Terphenyl-d14	20.09	244	1841753	82.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	49717	35.345	ng	#	83
3) Pyridine	3.92	79	131219	31.526	ng		94
4) n-Nitrosodimethylamine	3.85	42	72635	37.601	ng		91
6) Aniline	7.44	93	138424	21.662	ng		97
8) 2-Chlorophenol	7.68	128	138389	37.448	ng		98
9) Benzaldehyde	7.25	77	42997	15.056	ng	#	79
10) Phenol	7.29	94	185905	36.218	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	130617	35.077	ng		95
12) 1,3-Dichlorobenzene	8.01	146	148669	33.683	ng		99
13) 1,4-Dichlorobenzene	8.16	146	153350	34.324	ng		97
14) 1,2-Dichlorobenzene	8.48	146	145347	33.506	ng		97
15) Benzyl Alcohol	8.36	79	154973	34.995	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	209003	34.349	ng		97
17) 2-Methylphenol	8.55	107	131975	35.511	ng		99
18) Hexachloroethane	9.20	117	57757	33.542	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	123703	33.577	ng		96
20) 3+4-Methylphenols	8.88	107	179845	34.934	ng		99
22) Acetophenone	8.95	105	230992	35.604	ng		97
24) Nitrobenzene	9.34	77	195411	36.806	ng		99
25) Isophorone	9.86	82	349550	35.256	ng		100
26) 2-Nitrophenol	10.06	139	81363	37.173	ng		97
27) 2,4-Dimethylphenol	10.09	122	143951	39.822	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	188464	35.219	ng		98
29) 2,4-Dichlorophenol	10.58	162	165647	36.085	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	177097	33.914	ng		98
31) Naphthalene	11.00	128	438273	35.294	ng		98
32) Benzoic acid	10.22	122	81556	32.231	ng		87
33) 4-Chloroaniline	11.11	127	104103	18.068	ng		94
34) Hexachlorobutadiene	11.26	225	130824	32.742	ng		99
35) Caprolactam	11.88	113	51425	33.924	ng	#	83
36) 4-Chloro-3-methylphenol	12.21	107	187911	35.843	ng		97
37) 2-Methylnaphthalene	12.59	142	333154	34.834	ng		97
38) 1-Methylnaphthalene	12.59	142	333154	36.966	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	240908	35.120	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	251134	69.332	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	158516	35.722	ng		96
44) 2,4,5-Trichlorophenol	13.26	196	164198	35.085	ng		97
46) 1,1'-Biphenyl	13.59	154	456173	36.211	ng		97
47) 2-Chloronaphthalene	13.63	162	371720	34.371	ng		99
48) 2-Nitroaniline	13.84	65	137540	35.450	ng		95
49) Acenaphthylene	14.48	152	584975	35.939	ng		98
50) Dimethylphthalate	14.20	163	503804	34.971	ng		100
51) 2,6-Dinitrotoluene	14.33	165	113511	36.544	ng		94
52) Acenaphthene	14.81	154	336505	34.126	ng		95
53) 3-Nitroaniline	14.66	138	73001	23.503	ng		98
54) 2,4-Dinitrophenol	14.87	184	110487	71.645	ng		93
55) Dibenzofuran	15.15	168	587388	35.402	ng		99
56) 4-Nitrophenol	14.96	139	173297	81.342	ng		86
57) 2,4-Dinitrotoluene	15.11	165	162166	36.959	ng		99
58) Fluorene	15.80	166	466509	35.306	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	180091	39.157	ng		99
60) Diethylphthalate	15.55	149	519097	35.307	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	299768	34.903	ng		97
62) 4-Nitroaniline	15.83	138	117604	35.764	ng		96
63) Azobenzene	16.08	77	483520	36.184	ng		100
65) 4,6-Dinitro-2-methylphenol	15.87	198	89416	38.480	ng		95
66) n-Nitrosodiphenylamine	16.00	169	441469	34.263	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	200239	32.371	ng		95
68) Hexachlorobenzene	16.79	284	207569	31.513	ng		98
69) Atrazine	16.94	200	185912	37.394	ng		96
70) Pentachlorophenol	17.14	266	253038	72.153	ng		95
71) Phenanthrene	17.54	178	838552	35.123	ng		100
72) Anthracene	17.63	178	841628	35.742	ng		99
73) Carbazole	17.90	167	757017	37.468	ng		100
74) Di-n-butylphthalate	18.43	149	886708	35.311	ng		99
75) Fluoranthene	19.54	202	1115869	37.839	ng		99
77) Benzidine	19.72	184	325059	28.856	ng		96
78) Pyrene	19.90	202	1123970	36.614	ng		99
80) Butylbenzylphthalate	20.77	149	424921	35.570	ng		95
81) Benzo(a)anthracene	21.76	228	1091891	34.736	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	272384	24.636	ng		98
83) Chrysene	21.82	228	1064916	35.401	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	581157	34.558	ng		98
85) Di-n-octyl phthalate	22.87	149	983034	35.099	ng		100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1284307	34.853	ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1114523	42.718	ng		99
89) Benzo(k)fluoranthene	24.12	252	1075639	41.663	ng		99
90) Benzo(a)pyrene	24.96	252	1076584	43.251	ng		95
91) Dibenzo(a,h)anthracene	29.03	278	1053810	42.369	ng		98
92) Benzo(g,h,i)perylene	30.17	276	1068667	44.226	ng		99

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

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