Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040983.D
Acq On : 31 May 2019 17:58
Operator : HP/JU
Sample : PB118819BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118819BSD

Quant Time: Jun 01 05:14:38 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	58860	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	241300	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	174035	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	469509	20.00	ng		0.00
76) Chrysene-d12	21.78	240	481382	20.00	ng		0.00
87) Perylene-d12	25.12	264	434913	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	416184	127.50	ng		0.00
7) Phenol-d6	7.27	99	576529	114.36	ng		0.00
23) Nitrobenzene-d5	9.30	82	445335	81.93	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	313188	121.22	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	974427	80.63	ng		0.00
79) Terphenyl-d14	20.09	244	1877304	82.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	50149	33.857	ng	#	89
3) Pyridine	3.92	79	138540	31.609	ng		97
4) n-Nitrosodimethylamine	3.85	42	78497	38.590	ng		89
6) Aniline	7.44	93	146269	21.737	ng		98
8) 2-Chlorophenol	7.68	128	147143	37.811	ng		96
9) Benzaldehyde	7.25	77	42486	14.128	ng		86
10) Phenol	7.30	94	197803	36.595	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	137738	35.127	ng		99
12) 1,3-Dichlorobenzene	8.01	146	158876	34.183	ng		96
13) 1,4-Dichlorobenzene	8.16	146	160408	34.095	ng		98
14) 1,2-Dichlorobenzene	8.48	146	152654	33.418	ng		98
15) Benzyl Alcohol	8.36	79	168382	36.108	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	219404	34.242	ng		96
17) 2-Methylphenol	8.55	107	138292	35.336	ng		96
18) Hexachloroethane	9.20	117	60441	33.333	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	127524	32.872	ng		95
20) 3+4-Methylphenols	8.88	107	188237	34.723	ng		96
22) Acetophenone	8.95	105	239862	35.436	ng	#	99
24) Nitrobenzene	9.35	77	200348	36.169	ng		99
25) Isophorone	9.86	82	362028	34.998	ng		99
26) 2-Nitrophenol	10.05	139	87069	38.129	ng		91
27) 2,4-Dimethylphenol	10.09	122	150038	39.783	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	191454	34.293	ng		99
29) 2,4-Dichlorophenol	10.58	162	169079	35.304	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	183526	33.686	ng		94
31) Naphthalene	11.00	128	457153	35.286	ng		99
32) Benzoic acid	10.22	122	93204	34.530	ng		93
33) 4-Chloroaniline	11.10	127	104767	17.428	ng		97
34) Hexachlorobutadiene	11.26	225	137354	32.949	ng		98
35) Caprolactam	11.88	113	53354	33.736	ng		90
36) 4-Chloro-3-methylphenol	12.21	107	191795	35.066	ng		95
37) 2-Methylnaphthalene	12.59	142	342703	34.345	ng		97
38) 1-Methylnaphthalene	12.59	142	342703	36.447	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	249299	35.540	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	263416	70.903	ng		98
43) 2,4,6-Trichlorophenol	13.19	196	161195	35.523	ng		98
44) 2,4,5-Trichlorophenol	13.26	196	172208	35.984	ng		93
46) 1,1'-Biphenyl	13.59	154	466490	36.211	ng		99
47) 2-Chloronaphthalene	13.63	162	377999	34.179	ng		99
48) 2-Nitroaniline	13.85	65	139975	35.280	ng		97
49) Acenaphthylene	14.48	152	597168	35.877	ng		100
50) Dimethylphthalate	14.20	163	516882	35.085	ng		99
51) 2,6-Dinitrotoluene	14.33	165	115559	36.381	ng		99
52) Acenaphthene	14.82	154	352707	34.979	ng		97
53) 3-Nitroaniline	14.66	138	77095	24.272	ng	#	94
54) 2,4-Dinitrophenol	14.87	184	128185	78.222	ng		94
55) Dibenzofuran	15.15	168	616191	36.317	ng		100
56) 4-Nitrophenol	14.96	139	182545	83.789	ng		90
57) 2,4-Dinitrotoluene	15.12	165	165651	36.919	ng	#	96
58) Fluorene	15.80	166	483413	35.776	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	182500	38.804	ng		99
60) Diethylphthalate	15.55	149	527882	35.111	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	301679	34.349	ng		97
62) 4-Nitroaniline	15.83	138	118018	35.097	ng		98
63) Azobenzene	16.08	77	499265	36.537	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	94234	39.342	ng		99
66) n-Nitrosodiphenylamine	16.00	169	446698	33.845	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	200846	31.698	ng		98
68) Hexachlorobenzene	16.79	284	211334	31.322	ng		98
69) Atrazine	16.94	200	190913	37.488	ng		97
70) Pentachlorophenol	17.14	266	262114	72.917	ng		97
71) Phenanthrene	17.54	178	852251	34.848	ng		98
72) Anthracene	17.63	178	861735	35.727	ng		99
73) Carbazole	17.90	167	775740	37.482	ng		100
74) Di-n-butylphthalate	18.44	149	905755	35.212	ng		99
75) Fluoranthene	19.54	202	1138742	37.698	ng		99
77) Benzidine	19.72	184	355493	30.957	ng		98
78) Pyrene	19.90	202	1143947	36.556	ng		99
80) Butylbenzylphthalate	20.77	149	433006	35.557	ng		98
81) Benzo(a)anthracene	21.75	228	1112819	34.728	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	283630	25.166	ng		97
83) Chrysene	21.83	228	1093322	35.654	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	591409	34.499	ng		99
85) Di-n-octyl phthalate	22.87	149	1001413	35.075	ng		100
86) Indeno(1,2,3-cd)pyrene	28.96	276	1307716	34.814	ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1133984	42.988	ng		99
89) Benzo(k)fluoranthene	24.12	252	1098998	42.101	ng		98
90) Benzo(a)pyrene	24.96	252	1096008	43.549	ng		98
91) Dibenzo(a,h)anthracene	29.03	278	1073468	42.687	ng		97
92) Benzo(g,h,i)perylene	30.16	276	1076608	44.066	ng		98

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

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