Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040927.D
Acq On : 14 May 2019 1:44
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 14 02:20:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	54792	20.00	ng		-0.03
21) Naphthalene-d8	10.95	136	251781	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	183840	20.00	ng		-0.03
64) Phenanthrene-d10	17.50	188	450162	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	438773	20.00	ng		-0.04
87) Perylene-d12	25.13	264	479520	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	281209	90.47	ng		-0.03
7) Phenol-d6	7.27	99	440016	91.94	ng		-0.02
23) Nitrobenzene-d5	9.31	82	474937	87.16	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	249437	98.71	ng		-0.03
45) 2-Fluorobiphenyl	13.38	172	1112317	87.38	ng		-0.03
79) Terphenyl-d14	20.09	244	1777437	89.75	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	54590	38.618	ng		87
3) Pyridine	3.94	79	168607	41.150	ng		93
4) n-Nitrosodimethylamine	3.85	42	82412	36.262	ng	#	87
6) Aniline	7.45	93	259704	40.940	ng		99
8) 2-Chlorophenol	7.68	128	170495	44.922	ng		97
9) Benzaldehyde	7.27	77	123867	44.499	ng		97
10) Phenol	7.30	94	234836	45.647	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	162280	42.065	ng		96
12) 1,3-Dichlorobenzene	8.01	146	183935	44.401	ng		95
13) 1,4-Dichlorobenzene	8.17	146	186530	44.418	ng		98
14) 1,2-Dichlorobenzene	8.48	146	178853	44.162	ng		97
15) Benzyl Alcohol	8.37	79	198533	39.868	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	259082	33.731	ng		92
17) 2-Methylphenol	8.56	107	164855	45.280	ng		91
18) Hexachloroethane	9.21	117	73196	42.490	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	165637	38.447	ng		92
20) 3+4-Methylphenols	8.89	107	227315	44.819	ng		97
22) Acetophenone	8.96	105	291780	41.675	ng	#	95
24) Nitrobenzene	9.35	77	248875	42.807	ng		99
25) Isophorone	9.86	82	462809	38.130	ng		98
26) 2-Nitrophenol	10.06	139	111805	53.649	ng		96
27) 2,4-Dimethylphenol	10.10	122	166471	42.574	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	247020	40.563	ng		97
29) 2,4-Dichlorophenol	10.59	162	217312	48.885	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	233783	47.424	ng		93
31) Naphthalene	11.00	128	568146	42.474	ng		100
32) Benzoic acid	10.25	122	126195	47.144	ng		94
33) 4-Chloroaniline	11.11	127	248205	41.851	ng		94
34) Hexachlorobutadiene	11.26	225	181508	49.873	ng		98
35) Caprolactam	11.92	113	68655	39.118	ng	#	75
36) 4-Chloro-3-methylphenol	12.21	107	251532	44.853	ng		99
37) 2-Methylnaphthalene	12.60	142	441029	44.098	ng		98
38) 1-Methylnaphthalene	12.81	142	422567	43.227	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	328476	47.963	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	139559	34.534	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	201045	48.578	ng		96
44) 2,4,5-Trichlorophenol	13.27	196	216508	48.023	ng		95
46) 1,1'-Biphenyl	13.60	154	609849	42.726	ng		96
47) 2-Chloronaphthalene	13.64	162	497504	44.538	ng		96
48) 2-Nitroaniline	13.85	65	178640	44.927	ng		94
49) Acenaphthylene	14.49	152	790379	41.705	ng		99
50) Dimethylphthalate	14.21	163	651598	42.362	ng		100
51) 2,6-Dinitrotoluene	14.34	165	148880	49.594	ng		90
52) Acenaphthene	14.82	154	456487	41.360	ng		95
53) 3-Nitroaniline	14.67	138	134283	43.657	ng	#	90
54) 2,4-Dinitrophenol	14.87	184	53437	35.809	ng	#	92
55) Dibenzofuran	15.16	168	778988	43.092	ng		98
56) 4-Nitrophenol	14.96	139	108132	40.542	ng	#	83
57) 2,4-Dinitrotoluene	15.12	165	210236	51.538	ng		92
58) Fluorene	15.80	166	615578	42.130	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	210765	46.447	ng	#	95
60) Diethylphthalate	15.56	149	669634	41.262	ng		97
61) 4-Chlorophenyl-phenylether	15.79	204	389006	45.776	ng		97
62) 4-Nitroaniline	15.83	138	145109	42.174	ng		89
63) Azobenzene	16.08	77	618178	36.987	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	100647	45.764	ng		88
66) n-Nitrosodiphenylamine	16.00	169	551711	41.657	ng		96
67) 4-Bromophenyl-phenylether	16.69	248	260627	46.471	ng		91
68) Hexachlorobenzene	16.80	284	268738	46.341	ng		92
69) Atrazine	16.94	200	179267	34.164	ng		98
70) Pentachlorophenol	17.14	266	152489	44.936	ng		98
71) Phenanthrene	17.54	178	1006595	41.514	ng		98
72) Anthracene	17.64	178	1003003	41.154	ng		99
73) Carbazole	17.91	167	867600	39.072	ng		98
74) Di-n-butylphthalate	18.44	149	1061095	39.591	ng		99
75) Fluoranthene	19.55	202	1238606	40.992	ng		99
77) Benzidine	19.73	184	414973	34.541	ng		98
78) Pyrene	19.91	202	1240486	45.108	ng		98
80) Butylbenzylphthalate	20.78	149	479228	44.711	ng		94
81) Benzo(a)anthracene	21.76	228	1264788	45.610	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	444090	44.930	ng		98
83) Chrysene	21.83	228	1215501	46.089	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	668653	43.217	ng		96
85) Di-n-octyl phthalate	22.88	149	1141933	43.824	ng		95
86) Indeno(1,2,3-cd)pyrene	28.98	276	1487996	46.666	ng	#	90
88) Benzo(b)fluoranthene	24.06	252	1261713	43.058	ng		99
89) Benzo(k)fluoranthene	24.13	252	1173869	42.895	ng		97
90) Benzo(a)pyrene	24.98	252	1195807	43.112	ng		99
91) Dibenzo(a,h)anthracene	29.05	278	1197073	42.647	ng		96
92) Benzo(g,h,i)perylene	30.20	276	1195878	42.808	ng		98

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

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