Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040055.D
Acq On : 21 Mar 2019 5:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 21 09:31:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42245	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	195961	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	132457	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	299911	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	280002	20.00	ng		-0.03
87) Perylene-d12	25.16	264	290340	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	191144	77.19	ng		-0.02
7) Phenol-d6	7.29	99	291844	79.04	ng		-0.02
23) Nitrobenzene-d5	9.32	82	296764	81.91	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	119238	77.23	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	716141	76.98	ng		-0.02
79) Terphenyl-d14	20.11	244	1022385	80.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	34338	30.036	ng		96
3) Pyridine	3.98	79	107201	35.026	ng		94
4) n-Nitrosodimethylamine	3.90	42	53078	36.557	ng	#	89
6) Aniline	7.47	93	186827	38.622	ng		99
8) 2-Chlorophenol	7.71	128	117405	39.081	ng		95
9) Benzaldehyde	7.28	77	81369	34.164	ng		99
10) Phenol	7.32	94	156436	39.110	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	120585	38.667	ng		97
12) 1,3-Dichlorobenzene	8.03	146	135482	39.875	ng		95
13) 1,4-Dichlorobenzene	8.18	146	133595	38.602	ng		98
14) 1,2-Dichlorobenzene	8.50	146	129619	38.764	ng		99
15) Benzyl Alcohol	8.38	79	115441	39.415	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	242714	38.914	ng		98
17) 2-Methylphenol	8.58	107	99031	38.829	ng		96
18) Hexachloroethane	9.23	117	49738	40.054	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	102376	38.522	ng		94
20) 3+4-Methylphenols	8.90	107	141427	39.915	ng		94
22) Acetophenone	8.97	105	203050	38.606	ng	#	94
24) Nitrobenzene	9.37	77	153417	40.362	ng		97
25) Isophorone	9.88	82	297738	39.218	ng		99
26) 2-Nitrophenol	10.07	139	77710	42.343	ng	#	93
27) 2,4-Dimethylphenol	10.11	122	111577	39.091	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	174635	37.852	ng		97
29) 2,4-Dichlorophenol	10.60	162	132473	41.223	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	141708	39.188	ng		97
31) Naphthalene	11.01	128	405324	39.066	ng		99
32) Benzoic acid	10.26	122	71160	37.917	ng		92
33) 4-Chloroaniline	11.12	127	174511	39.666	ng		98
34) Hexachlorobutadiene	11.28	225	96761	39.157	ng		97
35) Caprolactam	11.92	113	46339	37.748	ng		96
36) 4-Chloro-3-methylphenol	12.23	107	145756	39.566	ng		96
37) 2-Methylnaphthalene	12.60	142	306725	39.542	ng		96
38) 1-Methylnaphthalene	12.83	142	296243	39.299	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	177731	39.608	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	93938	39.063	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	108485	41.294	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	117339	39.625	ng		98
46) 1,1'-Biphenyl	13.60	154	428936	39.372	ng		98
47) 2-Chloronaphthalene	13.66	162	318052	38.807	ng		98
48) 2-Nitroaniline	13.86	65	106148	40.301	ng		96
49) Acenaphthylene	14.50	152	526671	39.145	ng		99
50) Dimethylphthalate	14.22	163	415528	37.516	ng		99
51) 2,6-Dinitrotoluene	14.35	165	94505	40.248	ng		97
52) Acenaphthene	14.84	154	314119	38.791	ng		99
53) 3-Nitroaniline	14.68	138	91882	38.928	ng	#	89
54) 2,4-Dinitrophenol	14.89	184	52471	38.363	ng		96
55) Dibenzofuran	15.17	168	512594	38.582	ng		98
56) 4-Nitrophenol	14.98	139	75599	35.805	ng		91
57) 2,4-Dinitrotoluene	15.13	165	131256	39.783	ng		93
58) Fluorene	15.81	166	399979	38.296	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	114174	39.479	ng		98
60) Diethylphthalate	15.57	149	414947	37.845	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	208924	37.486	ng		99
62) 4-Nitroaniline	15.85	138	98912	38.655	ng		97
63) Azobenzene	16.09	77	387309	38.969	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	75096	42.349	ng		98
66) n-Nitrosodiphenylamine	16.02	169	357143	41.134	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	138343	41.210	ng		95
68) Hexachlorobenzene	16.81	284	141333	40.616	ng		95
69) Atrazine	16.96	200	131709	38.544	ng		97
70) Pentachlorophenol	17.16	266	83701	38.087	ng		99
71) Phenanthrene	17.56	178	646542	39.138	ng		99
72) Anthracene	17.65	178	637564	39.605	ng		99
73) Carbazole	17.92	167	556849	38.370	ng		98
74) Di-n-butylphthalate	18.45	149	674716	39.515	ng		99
75) Fluoranthene	19.56	202	735924	37.695	ng		99
77) Benzidine	19.74	184	283914	31.953	ng		99
78) Pyrene	19.92	202	740708	40.710	ng		100
80) Butylbenzylphthalate	20.78	149	298730	42.378	ng		97
81) Benzo(a)anthracene	21.78	228	702306	40.021	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	249133	38.885	ng		99
83) Chrysene	21.85	228	667976	39.263	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	413906	41.785	ng		99
85) Di-n-octyl phthalate	22.89	149	703972	42.921	ng		95
86) Indeno(1,2,3-cd)pyrene	29.02	276	783562	40.599	ng		99
88) Benzo(b)fluoranthene	24.08	252	689857	39.845	ng		98
89) Benzo(k)fluoranthene	24.15	252	620840	38.522	ng		98
90) Benzo(a)pyrene	25.00	252	644728	40.299	ng		98
91) Dibenzo(a,h)anthracene	29.08	278	620439	39.558	ng		98
92) Benzo(g,h,i)perylene	30.23	276	628620	39.907	ng		95

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

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