Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039732.D
Acq On : 4 Mar 2019 15:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 04 16:14:20 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	8.16	152	41472	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	197326	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	129727	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	319057	20.00	ng		0.00
76) Chrysene-d12	21.82	240	317135	20.00	ng		0.00
87) Perylene-d12	25.19	264	331030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	207677	85.43	ng		-0.01
7) Phenol-d6	7.30	99	310013	85.53	ng		-0.01
23) Nitrobenzene-d5	9.34	82	302532	82.92	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	127262	84.16	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	743933	81.65	ng		0.00
79) Terphenyl-d14	20.12	244	1153681	80.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	47094	41.962	ng		93
3) Pyridine	4.00	79	133356	44.384	ng		97
4) n-Nitrosodimethylamine	3.92	42	60769	42.634	ng		89
6) Aniline	7.48	93	196372	41.352	ng		99
8) 2-Chlorophenol	7.72	128	122163	41.423	ng		98
9) Benzaldehyde	7.30	77	98596	42.169	ng		98
10) Phenol	7.33	94	165195	42.070	ng		98
11) bis(2-Chloroethyl)ether	7.58	93	130358	42.580	ng		96
12) 1,3-Dichlorobenzene	8.05	146	138640	41.566	ng		99
13) 1,4-Dichlorobenzene	8.19	146	139564	41.079	ng		99
14) 1,2-Dichlorobenzene	8.52	146	134273	40.905	ng		99
15) Benzyl Alcohol	8.39	79	120576	41.935	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	252060	41.166	ng		99
17) 2-Methylphenol	8.59	107	104554	41.758	ng		97
18) Hexachloroethane	9.24	117	50052	41.058	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	107062	41.036	ng		90
20) 3+4-Methylphenols	8.92	107	147823	42.498	ng		97
22) Acetophenone	8.99	105	214687	40.536	ng	#	95
24) Nitrobenzene	9.38	77	157526	41.156	ng		98
25) Isophorone	9.89	82	309916	40.539	ng		99
26) 2-Nitrophenol	10.09	139	76492	41.391	ng		100
27) 2,4-Dimethylphenol	10.13	122	119205	41.475	ng		100
28) bis(2-Chloroethoxy)methane	10.37	93	187404	40.339	ng		99
29) 2,4-Dichlorophenol	10.62	162	134176	41.464	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	145728	40.020	ng		99
31) Naphthalene	11.03	128	420159	40.216	ng		100
32) Benzoic acid	10.26	122	68594	36.579	ng		98
33) 4-Chloroaniline	11.14	127	181588	40.989	ng		97
34) Hexachlorobutadiene	11.29	225	100858	40.533	ng		97
35) Caprolactam	11.92	113	49254	39.845	ng		95
36) 4-Chloro-3-methylphenol	12.24	107	151673	40.888	ng		99
37) 2-Methylnaphthalene	12.62	142	313259	40.105	ng		98
38) 1-Methylnaphthalene	12.84	142	303273	39.953	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	181859	41.380	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	98138	41.669	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	109609	42.600	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	122499	42.238	ng		98
46) 1,1'-Biphenyl	13.62	154	436248	40.886	ng		100
47) 2-Chloronaphthalene	13.67	162	327792	40.837	ng		99
48) 2-Nitroaniline	13.87	65	111607	43.266	ng		98
49) Acenaphthylene	14.51	152	545438	41.393	ng		98
50) Dimethylphthalate	14.23	163	441794	40.727	ng		100
51) 2,6-Dinitrotoluene	14.36	165	98672	42.907	ng		99
52) Acenaphthene	14.85	154	322789	40.700	ng		99
53) 3-Nitroaniline	14.70	138	99473	43.031	ng	#	96
54) 2,4-Dinitrophenol	14.90	184	54218	40.185	ng		99
55) Dibenzofuran	15.18	168	528781	40.638	ng		99
56) 4-Nitrophenol	14.98	139	86809	41.979	ng		92
57) 2,4-Dinitrotoluene	15.15	165	138473	42.854	ng	#	80
58) Fluorene	15.83	166	418734	40.935	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	121902	43.038	ng		96
60) Diethylphthalate	15.58	149	440969	41.065	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	219601	40.230	ng		98
62) 4-Nitroaniline	15.86	138	106043	42.314	ng		94
63) Azobenzene	16.11	77	399104	41.001	ng		96
65) 4,6-Dinitro-2-methylphenol	15.90	198	81050	42.964	ng		95
66) n-Nitrosodiphenylamine	16.03	169	377702	40.891	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	142455	39.889	ng		95
68) Hexachlorobenzene	16.82	284	149520	40.390	ng		96
69) Atrazine	16.97	200	150654	41.442	ng		95
70) Pentachlorophenol	17.17	266	97610	41.750	ng		98
71) Phenanthrene	17.57	178	704759	40.102	ng		100
72) Anthracene	17.66	178	693964	40.522	ng		98
73) Carbazole	17.93	167	624429	40.445	ng		99
74) Di-n-butylphthalate	18.46	149	749722	41.273	ng		99
75) Fluoranthene	19.57	202	835080	40.207	ng		99
77) Benzidine	19.75	184	409688	40.710	ng		98
78) Pyrene	19.94	202	837411	40.636	ng		99
80) Butylbenzylphthalate	20.80	149	336359	42.130	ng		96
81) Benzo(a)anthracene	21.80	228	808777	40.692	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	301967	41.613	ng		99
83) Chrysene	21.87	228	772100	40.070	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	473490	42.203	ng		98
85) Di-n-octyl phthalate	22.93	149	793866	42.735	ng		95
86) Indeno(1,2,3-cd)pyrene	29.07	276	907842	41.530	ng		99
88) Benzo(b)fluoranthene	24.11	252	800246	40.539	ng		99
89) Benzo(k)fluoranthene	24.18	252	745965	40.597	ng		98
90) Benzo(a)pyrene	25.03	252	751741	41.212	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	726921	40.650	ng		98
92) Benzo(g,h,i)perylene	30.30	276	739289	41.163	ng		95

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

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