Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
Data File : BG039356.D
Acq On : 1 Feb 2019 23:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 02 01:05:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	53404	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	236723	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	151611	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	358984	20.00	ng		0.00
76) Chrysene-d12	21.84	240	364670	20.00	ng		-0.01
87) Perylene-d12	25.23	264	385340	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	258376	82.81	ng		0.00
7) Phenol-d6	7.31	99	381630	83.09	ng		0.00
23) Nitrobenzene-d5	9.36	82	346732	91.50	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	147386	90.28	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	845739	80.02	ng		0.00
79) Terphenyl-d14	20.14	244	1316223	76.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	55081	40.356	ng		96
3) Pyridine	4.01	79	158003	43.723	ng		96
4) n-Nitrosodimethylamine	3.93	42	71687	39.666	ng		90
6) Aniline	7.50	93	228865	39.781	ng		99
8) 2-Chlorophenol	7.74	128	141377	41.450	ng		98
9) Benzaldehyde	7.32	77	97642	43.693	ng		94
10) Phenol	7.34	94	197281	41.205	ng		99
11) bis(2-Chloroethyl)ether	7.60	93	150414	39.758	ng		98
12) 1,3-Dichlorobenzene	8.07	146	165641	40.089	ng		97
13) 1,4-Dichlorobenzene	8.21	146	168888	41.009	ng		98
14) 1,2-Dichlorobenzene	8.54	146	159468	39.999	ng		99
15) Benzyl Alcohol	8.41	79	145320	40.301	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	310411	36.333	ng		98
17) 2-Methylphenol	8.61	107	126915	40.962	ng		95
18) Hexachloroethane	9.27	117	57807	40.799	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	126495	38.803	ng	#	98
20) 3+4-Methylphenols	8.94	107	180294	42.257	ng		97
22) Acetophenone	9.01	105	246985	38.842	ng	#	96
24) Nitrobenzene	9.40	77	180387	44.065	ng		96
25) Isophorone	9.92	82	314273	37.427	ng		97
26) 2-Nitrophenol	10.11	139	80227	49.560	ng	#	92
27) 2,4-Dimethylphenol	10.15	122	139375	41.031	ng		97
28) bis(2-Chloroethoxy)methane	10.40	93	206403	39.907	ng		99
29) 2,4-Dichlorophenol	10.63	162	154714	41.674	ng		97
30) 1,2,4-Trichlorobenzene	10.86	180	171716	41.199	ng		98
31) Naphthalene	11.06	128	454792	38.727	ng		100
32) Benzoic acid	10.26	122	102826	46.561	ng		96
33) 4-Chloroaniline	11.16	127	213003	39.118	ng		98
34) Hexachlorobutadiene	11.32	225	114475	41.299	ng		97
35) Caprolactam	11.96	113	59539	38.756	ng	#	88
36) 4-Chloro-3-methylphenol	12.26	107	172777	40.242	ng		95
37) 2-Methylnaphthalene	12.64	142	334870	38.500	ng		98
38) 1-Methylnaphthalene	12.86	142	325268	38.794	ng		99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	203327	42.151	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	139580	53.101	ng		97
43) 2,4,6-Trichlorophenol	13.24	196	131732	44.415	ng		98
44) 2,4,5-Trichlorophenol	13.31	196	139144	44.762	ng		99
46) 1,1'-Biphenyl	13.64	154	497185	39.414	ng		99
47) 2-Chloronaphthalene	13.69	162	384114	40.478	ng		98
48) 2-Nitroaniline	13.89	65	122613	45.501	ng		95
49) Acenaphthylene	14.53	152	571495	39.912	ng		98
50) Dimethylphthalate	14.25	163	487055	39.777	ng		99
51) 2,6-Dinitrotoluene	14.38	165	103135	45.468	ng		98
52) Acenaphthene	14.87	154	364092	39.172	ng		99
53) 3-Nitroaniline	14.71	138	111958	45.661	ng	#	91
54) 2,4-Dinitrophenol	14.91	184	40303	49.251	ng		92
55) Dibenzofuran	15.20	168	595569	39.964	ng		99
56) 4-Nitrophenol	14.99	139	91085	43.956	ng		90
57) 2,4-Dinitrotoluene	15.16	165	142007	48.371	ng		91
58) Fluorene	15.84	166	436908	39.328	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.42	232	133178	45.757	ng		97
60) Diethylphthalate	15.60	149	488795	38.609	ng		99
61) 4-Chlorophenyl-phenylether	15.83	204	255935	40.687	ng		97
62) 4-Nitroaniline	15.87	138	116213	45.500	ng		95
63) Azobenzene	16.13	77	468749	37.882	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	75107	51.559	ng		98
66) n-Nitrosodiphenylamine	16.05	169	430924	39.478	ng		100
67) 4-Bromophenyl-phenylether	16.73	248	165874	41.650	ng		98
68) Hexachlorobenzene	16.84	284	168941	42.281	ng		95
69) Atrazine	16.99	200	161617	40.516	ng		97
70) Pentachlorophenol	17.18	266	118870	42.804	ng		97
71) Phenanthrene	17.59	178	730875	39.337	ng		99
72) Anthracene	17.68	178	722909	39.500	ng		100
73) Carbazole	17.95	167	705761	38.641	ng		98
74) Di-n-butylphthalate	18.49	149	821271	38.543	ng		99
75) Fluoranthene	19.59	202	858117	39.791	ng		99
77) Benzidine	19.77	184	490036	40.987	ng		99
78) Pyrene	19.95	202	879106	38.724	ng		99
80) Butylbenzylphthalate	20.82	149	385727	40.279	ng		98
81) Benzo(a)anthracene	21.82	228	857608	39.800	ng		98
82) 3,3'-Dichlorobenzidine	21.73	252	334628	41.881	ng		97
83) Chrysene	21.89	228	814931	39.729	ng		99
84) Bis(2-ethylhexyl)phthalate	21.70	149	544291	39.839	ng		99
85) Di-n-octyl phthalate	22.96	149	906727	40.172	ng		97
86) Indeno(1,2,3-cd)pyrene	29.11	276	958876	43.569	ng	#	94
88) Benzo(b)fluoranthene	24.14	252	825998	39.306	ng		98
89) Benzo(k)fluoranthene	24.21	252	835033	39.578	ng		100
90) Benzo(a)pyrene	25.06	252	809328	39.989	ng		99
91) Dibenzo(a,h)anthracene	29.20	278	781681	41.242	ng		98
92) Benzo(g,h,i)perylene	30.35	276	778568	41.212	ng		99

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

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