Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040246.D
Acq On : 30 Mar 2019 4:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 30 05:11:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57951	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	265951	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	174031	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	414026	20.00	ng		-0.02
76) Chrysene-d12	21.72	240	395937	20.00	ng		0.00
87) Perylene-d12	25.02	264	403921	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	284936	81.74	ng		-0.01
7) Phenol-d6	7.21	99	415253	86.19	ng		-0.02
23) Nitrobenzene-d5	9.24	82	403297	80.60	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	167984	89.31	ng		-0.02
45) 2-Fluorobiphenyl	13.31	172	958764	81.63	ng		-0.02
79) Terphenyl-d14	20.03	244	1373923	78.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	64962	39.631	ng		96
3) Pyridine	3.91	79	189944	43.039	ng		99
4) n-Nitrosodimethylamine	3.83	42	78636	38.519	ng	#	86
6) Aniline	7.38	93	263137	42.040	ng		97
8) 2-Chlorophenol	7.62	128	169743	41.597	ng		97
9) Benzaldehyde	7.20	77	140746	42.590	ng		98
10) Phenol	7.24	94	225282	43.082	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	174004	41.546	ng		96
12) 1,3-Dichlorobenzene	7.94	146	175957	39.666	ng		95
13) 1,4-Dichlorobenzene	8.09	146	180855	40.935	ng		100
14) 1,2-Dichlorobenzene	8.41	146	173820	41.141	ng		99
15) Benzyl Alcohol	8.30	79	160187	41.287	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	321080	39.945	ng		98
17) 2-Methylphenol	8.49	107	153875	42.525	ng		98
18) Hexachloroethane	9.14	117	64309	38.267	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	145051	41.993	ng		98
20) 3+4-Methylphenols	8.82	107	212108	43.270	ng		96
22) Acetophenone	8.88	105	272556	41.084	ng		98
24) Nitrobenzene	9.28	77	211011	40.726	ng		95
25) Isophorone	9.79	82	425447	41.326	ng		99
26) 2-Nitrophenol	9.98	139	105412	42.936	ng		99
27) 2,4-Dimethylphenol	10.03	122	164520	42.188	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	252293	41.422	ng		99
29) 2,4-Dichlorophenol	10.51	162	180016	42.528	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	188681	40.595	ng		99
31) Naphthalene	10.92	128	564070	41.379	ng		100
32) Benzoic acid	10.16	122	53809	22.837	ng		97
33) 4-Chloroaniline	11.04	127	251472	43.247	ng		96
34) Hexachlorobutadiene	11.19	225	119173	40.091	ng		94
35) Caprolactam	11.83	113	74845	44.556	ng		89
36) 4-Chloro-3-methylphenol	12.14	107	212298	43.627	ng		99
37) 2-Methylnaphthalene	12.52	142	429102	42.561	ng		99
38) 1-Methylnaphthalene	12.74	142	418540	42.811	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	223609	40.426	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	113989	37.532	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	150525	42.209	ng		95
44) 2,4,5-Trichlorophenol	13.20	196	161103	41.446	ng		99
46) 1,1'-Biphenyl	13.52	154	557332	40.531	ng		99
47) 2-Chloronaphthalene	13.57	162	432070	40.964	ng		98
48) 2-Nitroaniline	13.78	65	144152	40.517	ng		97
49) Acenaphthylene	14.41	152	743226	41.560	ng		99
50) Dimethylphthalate	14.14	163	559021	41.043	ng		98
51) 2,6-Dinitrotoluene	14.27	165	129833	42.453	ng		94
52) Acenaphthene	14.75	154	426280	41.599	ng		98
53) 3-Nitroaniline	14.61	138	137298	42.412	ng		92
54) 2,4-Dinitrophenol	14.81	184	81620	50.183	ng		92
55) Dibenzofuran	15.09	168	695231	42.222	ng		100
56) 4-Nitrophenol	14.90	139	109622	41.957	ng		98
57) 2,4-Dinitrotoluene	15.05	165	181108	42.619	ng		97
58) Fluorene	15.73	166	544262	42.041	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	151415	42.926	ng		99
60) Diethylphthalate	15.49	149	580587	41.656	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	291975	42.193	ng		98
62) 4-Nitroaniline	15.77	138	146461	42.158	ng		97
63) Azobenzene	16.02	77	542353	41.254	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	97896	42.086	ng		96
66) n-Nitrosodiphenylamine	15.94	169	492963	40.688	ng		100
67) 4-Bromophenyl-phenylether	16.62	248	192918	41.406	ng		95
68) Hexachlorobenzene	16.73	284	194572	41.534	ng		96
69) Atrazine	16.88	200	185801	41.226	ng		98
70) Pentachlorophenol	17.08	266	110341	40.741	ng		97
71) Phenanthrene	17.48	178	890661	40.927	ng		99
72) Anthracene	17.57	178	888284	40.781	ng		99
73) Carbazole	17.84	167	830820	40.303	ng		99
74) Di-n-butylphthalate	18.37	149	955574	39.107	ng		99
75) Fluoranthene	19.48	202	1053758	40.893	ng		100
77) Benzidine	19.66	184	565569	39.557	ng		100
78) Pyrene	19.85	202	1044384	40.111	ng		99
80) Butylbenzylphthalate	20.72	149	433901	38.944	ng		96
81) Benzo(a)anthracene	21.69	228	981908	40.263	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	380469	41.011	ng		99
83) Chrysene	21.77	228	963927	41.127	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	622435	39.081	ng		99
85) Di-n-octyl phthalate	22.79	149	1037661	38.240	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	1163551	40.590	ng	#	94
88) Benzo(b)fluoranthene	23.95	252	1016855	41.119	ng		99
89) Benzo(k)fluoranthene	24.03	252	947130	41.647	ng		97
90) Benzo(a)pyrene	24.86	252	967847	41.712	ng		99
91) Dibenzo(a,h)anthracene	28.89	278	933744	43.330	ng		99
92) Benzo(g,h,i)perylene	30.08	276	945460	42.691	ng		99

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

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