Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
Data File : BG043293.D
Acq On : 21 Oct 2019 11:45
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Oct 21 15:19:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:08:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37671	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	152839	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	113115	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	266783	20.00	ng		0.00
76) Chrysene-d12	21.67	240	286416	20.00	ng		0.00
87) Perylene-d12	24.87	264	335395	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	204732	96.99	ng		0.00
7) Phenol-d6	7.20	99	296342	97.49	ng		0.00
23) Nitrobenzene-d5	9.19	82	296726	94.36	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	215312	110.70	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	811989	104.07	ng		0.00
79) Terphenyl-d14	20.01	244	1525670	113.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	38181	43.383	ng		95
3) Pyridine	3.89	79	98918	39.962	ng		98
4) n-Nitrosodimethylamine	3.81	42	52645	44.226	ng		82
6) Aniline	7.35	93	172631	47.046	ng		98
8) 2-Chlorophenol	7.59	128	111843	50.806	ng		95
9) Benzaldehyde	7.17	77	65615	35.324	ng		92
10) Phenol	7.23	94	134036	48.060	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	103623	48.022	ng		97
12) 1,3-Dichlorobenzene	7.92	146	139831	49.793	ng		93
13) 1,4-Dichlorobenzene	8.06	146	140757	50.280	ng		100
14) 1,2-Dichlorobenzene	8.38	146	138324	51.900	ng		97
15) Benzyl Alcohol	8.27	79	105954	46.361	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	147875	35.684	ng		98
17) 2-Methylphenol	8.48	107	99165	50.817	ng		94
18) Hexachloroethane	9.11	117	50320	47.728	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	93644	46.916	ng		97
20) 3+4-Methylphenols	8.81	107	136529	51.053	ng		89
22) Acetophenone	8.85	105	192788	48.935	ng	#	99
24) Nitrobenzene	9.23	77	137793	45.941	ng		97
25) Isophorone	9.75	82	270460	48.966	ng		99
26) 2-Nitrophenol	9.95	139	69346	54.311	ng		97
27) 2,4-Dimethylphenol	10.01	122	97323	49.633	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	148476	47.379	ng		96
29) 2,4-Dichlorophenol	10.49	162	127123	52.127	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	154420	49.033	ng		96
31) Naphthalene	10.89	128	381120	50.656	ng		100
32) Benzoic acid	10.17	122	70260	47.474	ng		93
33) 4-Chloroaniline	11.00	127	160555	49.179	ng		97
34) Hexachlorobutadiene	11.17	225	114028	48.357	ng		95
35) Caprolactam	11.78	113	44862	52.165	ng	#	80
36) 4-Chloro-3-methylphenol	12.12	107	137769	51.957	ng		99
37) 2-Methylnaphthalene	12.48	142	291400	50.770	ng		92
38) 1-Methylnaphthalene	12.70	142	277988	51.185	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	208239	48.962	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	114481	42.246	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	122194	49.087	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	129519	50.507	ng		96
46) 1,1'-Biphenyl	13.49	154	426136	49.678	ng		99
47) 2-Chloronaphthalene	13.54	162	327703	50.954	ng		98
48) 2-Nitroaniline	13.73	65	100384	46.936	ng		97
49) Acenaphthylene	14.38	152	508038	51.625	ng		99
50) Dimethylphthalate	14.11	163	434061	51.215	ng		100
51) 2,6-Dinitrotoluene	14.23	165	94839	52.546	ng		95
52) Acenaphthene	14.72	154	307921	46.747	ng		98
53) 3-Nitroaniline	14.56	138	94479	50.652	ng		95
54) 2,4-Dinitrophenol	14.77	184	55361	49.347	ng		93
55) Dibenzofuran	15.05	168	499856	51.298	ng		100
56) 4-Nitrophenol	14.89	139	64796	45.593	ng		97
57) 2,4-Dinitrotoluene	15.02	165	134806	51.004	ng		96
58) Fluorene	15.70	166	416487	50.064	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	132411	48.495	ng	#	98
60) Diethylphthalate	15.47	149	437289	50.698	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	243847	48.875	ng		94
62) 4-Nitroaniline	15.73	138	101089	49.693	ng		98
63) Azobenzene	15.99	77	351481	44.759	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	80113	53.068	ng		93
66) n-Nitrosodiphenylamine	15.91	169	366635	52.059	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	176109	52.595	ng		96
68) Hexachlorobenzene	16.71	284	201171	53.959	ng		100
69) Atrazine	16.85	200	113584	38.300	ng		98
70) Pentachlorophenol	17.05	266	97379	45.266	ng		95
71) Phenanthrene	17.44	178	666011	51.135	ng		99
72) Anthracene	17.54	178	672384	51.712	ng		99
73) Carbazole	17.81	167	612613	50.808	ng		98
74) Di-n-butylphthalate	18.36	149	734949	51.088	ng		100
75) Fluoranthene	19.45	202	874773	50.779	ng		99
77) Benzidine	19.63	184	280774	39.151	ng		99
78) Pyrene	19.82	202	880548	51.509	ng		99
80) Butylbenzylphthalate	20.70	149	340638	52.496	ng		95
81) Benzo(a)anthracene	21.65	228	894428	50.118	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	349481	49.929	ng		99
83) Chrysene	21.71	228	877991	50.696	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	478510	51.825	ng	#	99
85) Di-n-octyl phthalate	22.75	149	818310	54.199	ng		100
86) Indeno(1,2,3-cd)pyrene	28.52	276	1116614	51.791	ng	#	96
88) Benzo(b)fluoranthene	23.86	252	933003	49.164	ng		99
89) Benzo(k)fluoranthene	23.92	252	959519	51.109	ng		99
90) Benzo(a)pyrene	24.72	252	893079	49.880	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	933226	50.830	ng		99
92) Benzo(g,h,i)perylene	29.66	276	913037	51.326	ng		99

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

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